

Release notes for ENDF/B Development n-008\_O\_016  
evaluation



April 26, 2017

- **checkr** Errors:

1. The first section in the file has incorrect MF/MT  
*MAT= 825, MF=33, MT=800 (0): Wrong 1st section*

```
ERROR(S) FOUND IN MAT= 825, MF=33, MT=800
FIRST SUBSECTION MUST BE MAT1=0, MT1=MT          SEQUENCE NUMBER      2
```

2. This file is missing a required covariance section  
*MAT= 825, MF=33, MT=800 (1): Missing covariance*

```
ERROR(S) FOUND IN MAT= 825, MF=33, MT=800
REQUIRED COVARIANCE SECTION 33/107 MISSING        SEQUENCE NUMBER      2
```

- **fizcon** Errors:

1. The correlation coefficient extracted from a covariance has an illegal value  
*MAT= 825, MF=33, MT= 2 (1): Bad correlation*

```
ERROR(S) FOUND IN MAT= 825, MF=33, MT= 2
CORRELATION COEFFICIENT INCORRECT                  SEQUENCE NUMBER 26746
CORR=-1.00447E+00 AT LIST LOCATION****
CORRELATION COEFFICIENT INCORRECT                  SEQUENCE NUMBER 26989
CORR=-1.05139E+00 AT LIST LOCATION****
... [198 more lines]
```

2. Data for a reaction started at a minimum Ein that is incorrect, based upon reaction's Q value or other ENDF expectations.  
*MAT= 825, MF=33, MT= 2 (2): Bad Ein (b)*

```
ERROR(S) FOUND IN MAT= 825, MF=33, MT= 2
ENERGY INCORRECT                                 SEQUENCE NUMBER 3977
EXPECT 1.00000E-05, FIND 7.00000E+06
```

- **fudge-4.0** Warnings:

1. First cross section point not zero right at threshold  
*reaction label 12: H1 + N16 / Cross section: (Error # 0): nonZero\_crossSection\_at\_threshold*

```
WARNING: First cross section point for threshold reaction should be 0, not 5e-11
```

2. First cross section point not zero right at threshold  
*production label 61: /reactionSuite/reactions/production[@label='61'] / Cross section: (Error # 0): nonZero\_crossSection\_at\_threshold*

```
WARNING: First cross section point for threshold reaction should be 0, not 5e-11
```

3. Cross section does not match sum of linked reaction cross sections  
*crossSectionSum label 0: total (Error # 0): CS Sum.*

```
WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.14%
```

4. Cross section does not match sum of linked reaction cross sections  
*crossSectionSum label 5: (z,alpha) (Error # 0): CS Sum.*

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 1.32%

5. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

*Section 0 (n + O16): / Form 'eval': (Error # 1): Condition num.*

WARNING: Ratio of smallest/largest eigenvalue (4.216971e-15) is too small

6. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

*Section 1 (He4 + C13 vs. (z,alpha)): / Form 'eval': / Component 0 (Error # 0): Condition num.*

WARNING: Ratio of smallest/largest eigenvalue (5.861221e-14) is too small

7. The on-diagonal elements of a covariance (the variance...) were very big.

*Section 2 (n + O16 [angular distribution]): / Form 'eval': / LegendreLValue L=1 vs 1 (Error # 0): Large variance*

WARNING: Encountered very large variance (3.743790e+16%) at index 0.

WARNING: Encountered very large variance (3.747280e+14%) at index 1.

WARNING: Encountered very large variance (3.747620e+12%) at index 2.

WARNING: Encountered very large variance (3.747650e+10%) at index 3.

... plus 12 more instances of this message

8. The ratio of smallest/largest eigenvalue is quite small, possibly leading to numerical instability in downstream codes.

*Section 2 (n + O16 [angular distribution]): / Form 'eval': (Error # 2): Condition num.*

WARNING: Ratio of smallest/largest eigenvalue (5.168741e-30) is too small

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.

*reaction label 9: n/multiplicity:'2'] + O15 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -15606180.70297432 eV vs -1.56638e7 eV!

2. Calculated and tabulated Q values disagree.

*reaction label 10: n + H1 + N15 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -12077034.84484863 eV vs -1.21276e7 eV!

3. Calculated and tabulated Q values disagree.

*reaction label 11: n + H2 + N14 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -20758618.76549149 eV vs -2.07363e7 eV!

4. Calculated and tabulated Q values disagree.

*reaction label 12: H1 + N16 (Error # 1): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9540208.360919952 eV vs -9.6368e6 eV!

5. Calculated and tabulated Q values disagree.

*reaction label 13: H1 + N16\_e1 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9660308.360919952 eV vs -9.7569e6 eV!

6. Calculated and tabulated Q values disagree.  
*reaction label 14: H1 + N16\_e2 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9837208.360919952 eV vs -9.9338e6 eV!

7. Calculated and tabulated Q values disagree.  
*reaction label 15: H1 + N16\_e3 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9937708.360919952 eV vs -1.00343e7 eV!

8. Calculated and tabulated Q values disagree.  
*reaction label 16: H2 + N15 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -9859660.538249969 eV vs -9.903e6 eV!

9. Calculated and tabulated Q values disagree.  
*reaction label 17: H2 + N15\_e1 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -15129760.53824997 eV vs -1.51731e7 eV!

10. Calculated and tabulated Q values disagree.  
*reaction label 18: H2 + N15\_e2 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -15158460.53824997 eV vs -1.52018e7 eV!

11. Calculated and tabulated Q values disagree.  
*reaction label 19: H2 + N15\_e3 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -16183560.53824997 eV vs -1.62269e7 eV!

12. Calculated and tabulated Q values disagree.  
*reaction label 20: H2 + N15\_e4 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -17014760.53824997 eV vs -1.70581e7 eV!

13. Calculated and tabulated Q values disagree.  
*reaction label 21: H2 + N15\_e5 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -17160760.53824997 eV vs -1.72041e7 eV!

14. Calculated and tabulated Q values disagree.  
*reaction label 22: H2 + N15\_e6 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -17426760.53824997 eV vs -1.74701e7 eV!

15. Calculated and tabulated Q values disagree.  
*reaction label 23: H2 + N15\_e7 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -18172460.53824997 eV vs -1.82158e7 eV!

16. Calculated and tabulated Q values disagree.  
*reaction label 24: H2 + N15\_e8 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -18431060.53824997 eV vs -1.84744e7 eV!

17. Calculated and tabulated Q values disagree.  
*reaction label 25: H<sub>2</sub> + N<sub>15</sub>\_e9 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -18909660.53824997 eV vs -1.8953e7 eV!

18. Calculated and tabulated Q values disagree.  
*reaction label 26: H<sub>2</sub> + N<sub>15</sub>\_e10 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19011260.53824997 eV vs -1.90546e7 eV!

19. Calculated and tabulated Q values disagree.  
*reaction label 27: H<sub>2</sub> + N<sub>15</sub>\_e11 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19014560.53824997 eV vs -1.90579e7 eV!

20. Calculated and tabulated Q values disagree.  
*reaction label 28: H<sub>2</sub> + N<sub>15</sub>\_e12 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19084660.53824997 eV vs -1.9128e7 eV!

21. Calculated and tabulated Q values disagree.  
*reaction label 29: H<sub>2</sub> + N<sub>15</sub>\_e13 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19619660.53824997 eV vs -1.9663e7 eV!

22. Calculated and tabulated Q values disagree.  
*reaction label 30: H<sub>2</sub> + N<sub>15</sub>\_e14 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19688660.53824997 eV vs -1.9732e7 eV!

23. Calculated and tabulated Q values disagree.  
*reaction label 31: H<sub>2</sub> + N<sub>15</sub>\_e15 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19787660.53824997 eV vs -1.9831e7 eV!

24. Calculated and tabulated Q values disagree.  
*reaction label 32: H<sub>2</sub> + N<sub>15</sub>\_e16 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -19929660.53824997 eV vs -1.9973e7 eV!

25. Calculated and tabulated Q values disagree.  
*reaction label 33: H<sub>2</sub> + N<sub>15</sub>\_e17 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -20309360.53824997 eV vs -2.03527e7 eV!

26. Calculated and tabulated Q values disagree.  
*reaction label 34: H<sub>2</sub> + N<sub>15</sub>\_e18 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -20392960.53824997 eV vs -2.04363e7 eV!

27. Calculated and tabulated Q values disagree.  
*reaction label 35: H<sub>2</sub> + N<sub>15</sub>\_e19 (Error ≠ 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -20552860.53824997 eV vs -2.05962e7 eV!

28. Calculated and tabulated Q values disagree.  
*reaction label 36: H3 + N14 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -14501113.00066948 eV vs -1.4479e7 eV!
29. Calculated and tabulated Q values disagree.  
*reaction label 37: H3 + N14\_e1 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -16813913.00066948 eV vs -1.67918e7 eV!
30. Calculated and tabulated Q values disagree.  
*reaction label 38: H3 + N14\_e2 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -18449213.00066948 eV vs -1.84271e7 eV!
31. Calculated and tabulated Q values disagree.  
*reaction label 39: H3 + N14\_e3 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -19416213.00066948 eV vs -1.93941e7 eV!
32. Calculated and tabulated Q values disagree.  
*reaction label 40: H3 + N14\_e4 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -19607013.00066948 eV vs -1.95849e7 eV!
33. Calculated and tabulated Q values disagree.  
*reaction label 41: H3 + N14\_e5 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -20192513.00066948 eV vs -2.01704e7 eV!
34. Calculated and tabulated Q values disagree.  
*reaction label 42: H3 + N14\_e6 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -20335313.00066948 eV vs -2.03132e7 eV!
35. Calculated and tabulated Q values disagree.  
*reaction label 43: H3 + N14\_e7 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -20704613.00066948 eV vs -2.06825e7 eV!
36. Calculated and tabulated Q values disagree.  
*reaction label 44: H3 + N14\_e8 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -20947313.00066948 eV vs -2.09252e7 eV!
37. Calculated and tabulated Q values disagree.  
*reaction label 45: H3 + N14\_e9 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -21530213.00066948 eV vs -2.15081e7 eV!
38. Calculated and tabulated Q values disagree.  
*reaction label 46: H3 + (N14\_c -> N14 + gamma) (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -21530213.00066948 eV vs -2.15081e7 eV!

39. Energy range of data set does not match cross section range  
*reaction label 46: H3 + (N14\_c -> N14 + gamma) / Product: N14\_c / Decay product: N14 / Distribution: / uncorrelated - energy - XYs2d: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (23861380.0 -> 150000000.0) vs (22864440.0 -> 150000000.0)

40. Energy range of data set does not match cross section range  
*reaction label 46: H3 + (N14\_c -> N14 + gamma) / Product: N14\_c / Decay product: gamma / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (23861380.0 -> 150000000.0) vs (22864440.0 -> 150000000.0)

41. Energy range of data set does not match cross section range  
*reaction label 46: H3 + (N14\_c -> N14 + gamma) / Product: N14\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (23861380.0 -> 150000000.0) vs (22864440.0 -> 150000000.0)

42. Energy range of data set does not match cross section range  
*reaction label 46: H3 + (N14\_c -> N14 + gamma) / Product: N14\_c / uncorrelated - energy - XYs2d: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (23861380.0 -> 150000000.0) vs (22864440.0 -> 150000000.0)

43. Calculated and tabulated Q values disagree.  
*reaction label 47: He4 + C13 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -1886323.112012863 eV vs -2.2143e6 eV!

44. Calculated and tabulated Q values disagree.  
*reaction label 48: He4 + C13\_e1 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -4977023.112012863 eV vs -5.305e6 eV!

45. Calculated and tabulated Q values disagree.  
*reaction label 49: He4 + C13\_e2 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -5572123.112012863 eV vs -5.9001e6 eV!

46. Calculated and tabulated Q values disagree.  
*reaction label 50: He4 + C13\_e3 (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -5741423.112012863 eV vs -6.0694e6 eV!

47. Calculated and tabulated Q values disagree.  
*reaction label 52: n + He4 + C12 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -7147889.152751923 eV vs -7161950. eV!

48. Calculated and tabulated Q values disagree.  
*reaction label 54: n[multiplicity:'2'] + H1 + N14 + gamma (Error # 0): Q mismatch*

WARNING: Calculated and tabulated Q-values disagree: -22975993.07209015 eV vs -2.29609e7 eV!

49. Calculated and tabulated Q values disagree.  
*reaction label 55: n + H1[multiplicity:'2'] + C14 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -22284334.61450386 eV vs -2.2335e7 eV!
50. Calculated and tabulated Q values disagree.  
*reaction label 56: n + H1 + He4 + B11 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -23086537.64535332 eV vs -2.31192e7 eV!
51. Calculated and tabulated Q values disagree.  
*reaction label 58: H1 + He4 + B12 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -19704102.33345222 eV vs -1.97491e7 eV!
52. Found a negative probability  
*production label 60: /reactionSuite/reactions/production[@label='60'] / Product: gamma\_h / Distribution: / uncorrelated - angular - XYs2d: (Error # 0): Negative prob.*
- WARNING: Negative probabilities encountered. Incident energy: 9.6e6 eV, worst case: -0.0137270466625  
 WARNING: Negative probabilities encountered. Incident energy: 9.7e6 eV, worst case: -0.1841793495  
 WARNING: Negative probabilities encountered. Incident energy: 9.8e6 eV, worst case: -0.17584827875  
 WARNING: Negative probabilities encountered. Incident energy: 9.9e6 eV, worst case: -0.085020211125
53. Found a negative probability  
*production label 64: /reactionSuite/reactions/production[@label='64'] / Product: gamma\_e / Distribution: / uncorrelated - angular - XYs2d: (Error # 0): Negative prob.*
- WARNING: Negative probabilities encountered. Incident energy: 6.8e6 eV, worst case: -0.007205
54. A covariance matrix was not positive semi-definite, so it has negative eigenvalues.  
*Section 0 (n + O16): / Form 'eval': / Component 0 (Error # 0): Bad evs*
- WARNING: 718 negative eigenvalues! Worst case = -7.908937e-02
55. A covariance matrix was not positive semi-definite, so it has negative eigenvalues.  
*Section 2 (n + O16 [angular distribution]): / Form 'eval': (Error # 1): Bad evs*
- WARNING: 676 negative eigenvalues! Worst case = -1.071142e+09
- njoy2012 Warnings:
1. The cross section is nonzero at threshold  
*reconr...reconstruct pointwise cross sections in pendf format (0): Sig(Eth)>0*
- message from lunion---xsec nonzero at threshold for mt=600  
 adjusted using jump in xsec
2. This nuclide has no URR and NJOY is upset about it  
*unresr...calculation of unresolved resonance cross sections (0): No URR*
- message from unresr---mat 825 has no resonance parameters  
 copy as is to nout

- This nuclide has no URR and NJOY is upset about it  
*purr...probabalistic unresolved calculation (0): No URR*

```
---message from purr---mat 825 has no resonance parameters
copy as is to nout
```

- There is bad Kalbach parameter ( $r(E)$  or otherwise)  
*check...ace consistency check (0): ACER/check energy distributions (0)*

```
check energy distributions
  consis: ep.gt.epmax 8.848774E-12 with q.lt.0 for (n,x) at e  1.000000E-11 -> 1.000000E-11
```

- There is bad Kalbach parameter ( $r(E)$  or otherwise)  
*check...ace consistency check (1): ACER/check energy distributions (0)*

```
check energy distributions
  consis: awr.lt.180---this is probably an error.
```

- There is bad Kalbach parameter ( $r(E)$  or otherwise)  
*check...ace consistency check (2): ACER/check energy distributions (0)*

```
check energy distributions
  consis: shifting eprimes greater than epmax and renorming the distribution
```

- Coefficient mismatch of some sort  
*covr...process covariance data (1): COVR/matshd (2)*

```
---message from matshd---processing of mat/mt 825/ 2 vs. mat1/mt1 825/ 2
      largest coefficient= 1.30609E+00 at index 469 470
```

- The number of coefficients was too large in a covariance  
*covr...process covariance data (2): Cov:Too many coeff.*

```
---message from matshd----- coefficients > 1
      reset and continue.
```

- *njoy2012 Errors:*

- An angular distribution is negative  
*acer...monte carlo neutron and photon data (0): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-9.50400E-02 and -9.26800E-02, -1.69104E-07, e= 9.60000E+06
      mat= 825, mf=14, mt= 4
```

- An angular distribution is negative  
*acer...monte carlo neutron and photon data (1): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-9.26800E-02 and -9.03200E-02, -1.76912E-06, e= 9.60000E+06
      mat= 825, mf=14, mt= 4
```

- An angular distribution is negative  
*acer...monte carlo neutron and photon data (2): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-9.03200E-02 and -8.79600E-02, -3.32841E-06, e= 9.60000E+06
      mat= 825, mf=14, mt= 4
```

4. An angular distribution is negative  
*acer...monte carlo neutron and photon data (3): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-8.79600E-02 and -8.56000E-02, -4.84697E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

5. An angular distribution is negative  
*acer...monte carlo neutron and photon data (4): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-8.56000E-02 and -8.32400E-02, -6.32480E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

6. An angular distribution is negative  
*acer...monte carlo neutron and photon data (5): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-8.32400E-02 and -8.08800E-02, -7.76189E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

7. An angular distribution is negative  
*acer...monte carlo neutron and photon data (6): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-8.08800E-02 and -7.85200E-02, -9.15825E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

8. An angular distribution is negative  
*acer...monte carlo neutron and photon data (7): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-7.85200E-02 and -7.61600E-02, -1.05139E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

9. An angular distribution is negative  
*acer...monte carlo neutron and photon data (8): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-7.61600E-02 and -7.38000E-02, -1.18288E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

10. An angular distribution is negative  
*acer...monte carlo neutron and photon data (9): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-7.38000E-02 and -7.14400E-02, -1.31029E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

11. An angular distribution is negative  
*acer...monte carlo neutron and photon data (10): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-7.14400E-02 and -6.90800E-02, -1.43363E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

12. An angular distribution is negative  
*acer...monte carlo neutron and photon data (11): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-6.90800E-02 and -6.67200E-02, -1.55290E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

13. An angular distribution is negative  
*acer...monte carlo neutron and photon data (12): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-6.67200E-02 and -6.43600E-02, -1.66810E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

14. An angular distribution is negative
acer...monte carlo neutron and photon data (13): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-6.43600E-02 and -6.20000E-02, -1.77922E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

15. An angular distribution is negative
acer...monte carlo neutron and photon data (14): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-6.20000E-02 and -5.96400E-02, -1.88626E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

16. An angular distribution is negative
acer...monte carlo neutron and photon data (15): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.96400E-02 and -5.72800E-02, -1.98923E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

17. An angular distribution is negative
acer...monte carlo neutron and photon data (16): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.72800E-02 and -5.49200E-02, -2.08813E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

18. An angular distribution is negative
acer...monte carlo neutron and photon data (17): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.49200E-02 and -5.25600E-02, -2.18296E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

19. An angular distribution is negative
acer...monte carlo neutron and photon data (18): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.25600E-02 and -5.02000E-02, -2.27370E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

20. An angular distribution is negative
acer...monte carlo neutron and photon data (19): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.02000E-02 and -4.78400E-02, -2.36038E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

21. An angular distribution is negative
acer...monte carlo neutron and photon data (20): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.78400E-02 and -4.54800E-02, -2.44298E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

22. An angular distribution is negative
acer...monte carlo neutron and photon data (21): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.54800E-02 and -4.31200E-02, -2.52151E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

```

23. An angular distribution is negative  
*acer...monte carlo neutron and photon data (22): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-4.31200E-02 and -4.07600E-02, -2.59596E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

24. An angular distribution is negative  
*acer...monte carlo neutron and photon data (23): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-4.07600E-02 and -3.84000E-02, -2.66633E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

25. An angular distribution is negative  
*acer...monte carlo neutron and photon data (24): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-3.84000E-02 and -3.60400E-02, -2.73264E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

26. An angular distribution is negative  
*acer...monte carlo neutron and photon data (25): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-3.60400E-02 and -3.36800E-02, -2.79487E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

27. An angular distribution is negative  
*acer...monte carlo neutron and photon data (26): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-3.36800E-02 and -3.13200E-02, -2.85302E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

28. An angular distribution is negative  
*acer...monte carlo neutron and photon data (27): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-3.13200E-02 and -2.89600E-02, -2.90710E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

29. An angular distribution is negative  
*acer...monte carlo neutron and photon data (28): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.89600E-02 and -2.66000E-02, -2.95710E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

30. An angular distribution is negative  
*acer...monte carlo neutron and photon data (29): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.66000E-02 and -2.42400E-02, -3.00303E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

31. An angular distribution is negative  
*acer...monte carlo neutron and photon data (30): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.42400E-02 and -2.18800E-02, -3.04488E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

32. An angular distribution is negative  
*acer...monte carlo neutron and photon data (31): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-2.18800E-02 and -1.95200E-02, -3.08266E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

33. An angular distribution is negative
acer...monte carlo neutron and photon data (32): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.95200E-02 and -1.71600E-02, -3.11637E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

34. An angular distribution is negative
acer...monte carlo neutron and photon data (33): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.71600E-02 and -1.48000E-02, -3.14600E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

35. An angular distribution is negative
acer...monte carlo neutron and photon data (34): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.48000E-02 and -1.24400E-02, -3.17155E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

36. An angular distribution is negative
acer...monte carlo neutron and photon data (35): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.24400E-02 and -1.00800E-02, -3.19303E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

37. An angular distribution is negative
acer...monte carlo neutron and photon data (36): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.00800E-02 and -7.72000E-03, -3.21044E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

38. An angular distribution is negative
acer...monte carlo neutron and photon data (37): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-7.72000E-03 and -5.36000E-03, -3.22377E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

39. An angular distribution is negative
acer...monte carlo neutron and photon data (38): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.36000E-03 and -3.00000E-03, -3.23302E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

40. An angular distribution is negative
acer...monte carlo neutron and photon data (39): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.00000E-03 and -6.40000E-04, -3.23820E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

41. An angular distribution is negative
acer...monte carlo neutron and photon data (40): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-6.40000E-04 and 1.72000E-03, -3.23931E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

```

42. An angular distribution is negative  
*acer...monte carlo neutron and photon data (41): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.72000E-03 and 4.08000E-03, -3.23634E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

43. An angular distribution is negative  
*acer...monte carlo neutron and photon data (42): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 4.08000E-03 and 6.44000E-03, -3.22929E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

44. An angular distribution is negative  
*acer...monte carlo neutron and photon data (43): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 6.44000E-03 and 8.80000E-03, -3.21817E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

45. An angular distribution is negative  
*acer...monte carlo neutron and photon data (44): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 8.80000E-03 and 1.11600E-02, -3.20298E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

46. An angular distribution is negative  
*acer...monte carlo neutron and photon data (45): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.11600E-02 and 1.35200E-02, -3.18371E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

47. An angular distribution is negative  
*acer...monte carlo neutron and photon data (46): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.35200E-02 and 1.58800E-02, -3.16036E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

48. An angular distribution is negative  
*acer...monte carlo neutron and photon data (47): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.58800E-02 and 1.82400E-02, -3.13294E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

49. An angular distribution is negative  
*acer...monte carlo neutron and photon data (48): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.82400E-02 and 2.06000E-02, -3.10145E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

50. An angular distribution is negative  
*acer...monte carlo neutron and photon data (49): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 2.06000E-02 and 2.29600E-02, -3.06588E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

51. An angular distribution is negative  
*acer...monte carlo neutron and photon data (50): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 2.29600E-02 and 2.53200E-02, -3.02624E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

52. An angular distribution is negative
acer...monte carlo neutron and photon data (51): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.53200E-02 and 2.76800E-02, -2.98252E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

53. An angular distribution is negative
acer...monte carlo neutron and photon data (52): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.76800E-02 and 3.00400E-02, -2.93472E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

54. An angular distribution is negative
acer...monte carlo neutron and photon data (53): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.00400E-02 and 3.24000E-02, -2.88285E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

55. An angular distribution is negative
acer...monte carlo neutron and photon data (54): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.24000E-02 and 3.47600E-02, -2.82691E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

56. An angular distribution is negative
acer...monte carlo neutron and photon data (55): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.47600E-02 and 3.71200E-02, -2.76689E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

57. An angular distribution is negative
acer...monte carlo neutron and photon data (56): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.71200E-02 and 3.94800E-02, -2.70280E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

58. An angular distribution is negative
acer...monte carlo neutron and photon data (57): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.94800E-02 and 4.18400E-02, -2.63463E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

59. An angular distribution is negative
acer...monte carlo neutron and photon data (58): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.18400E-02 and 4.42000E-02, -2.56239E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

60. An angular distribution is negative
acer...monte carlo neutron and photon data (59): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.42000E-02 and 4.65600E-02, -2.48608E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

```

61. An angular distribution is negative  
*acer...monte carlo neutron and photon data (60): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 4.65600E-02 and 4.89200E-02, -2.40569E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

62. An angular distribution is negative  
*acer...monte carlo neutron and photon data (61): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 4.89200E-02 and 5.12800E-02, -2.32122E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

63. An angular distribution is negative  
*acer...monte carlo neutron and photon data (62): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 5.12800E-02 and 5.36400E-02, -2.23268E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

64. An angular distribution is negative  
*acer...monte carlo neutron and photon data (63): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 5.36400E-02 and 5.60000E-02, -2.14007E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

65. An angular distribution is negative  
*acer...monte carlo neutron and photon data (64): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 5.60000E-02 and 5.83600E-02, -2.04338E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

66. An angular distribution is negative  
*acer...monte carlo neutron and photon data (65): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 5.83600E-02 and 6.07200E-02, -1.94262E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

67. An angular distribution is negative  
*acer...monte carlo neutron and photon data (66): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 6.07200E-02 and 6.30800E-02, -1.83778E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

68. An angular distribution is negative  
*acer...monte carlo neutron and photon data (67): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 6.30800E-02 and 6.54400E-02, -1.72887E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

69. An angular distribution is negative  
*acer...monte carlo neutron and photon data (68): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 6.54400E-02 and 6.78000E-02, -1.61589E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

70. An angular distribution is negative  
*acer...monte carlo neutron and photon data (69): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 6.78000E-02 and 7.01600E-02, -1.49883E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

71. An angular distribution is negative
acer...monte carlo neutron and photon data (70): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.01600E-02 and 7.25200E-02, -1.37770E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

72. An angular distribution is negative
acer...monte carlo neutron and photon data (71): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.25200E-02 and 7.48800E-02, -1.25249E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

73. An angular distribution is negative
acer...monte carlo neutron and photon data (72): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.48800E-02 and 7.72400E-02, -1.12321E-05, e= 9.60000E+06
mat= 825, mf=14, mt= 4

74. An angular distribution is negative
acer...monte carlo neutron and photon data (73): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.72400E-02 and 7.96000E-02, -9.89856E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4

75. An angular distribution is negative
acer...monte carlo neutron and photon data (74): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.96000E-02 and 8.19600E-02, -8.52430E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4

76. An angular distribution is negative
acer...monte carlo neutron and photon data (75): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.19600E-02 and 8.43200E-02, -7.10930E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4

77. An angular distribution is negative
acer...monte carlo neutron and photon data (76): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.43200E-02 and 8.66800E-02, -5.65356E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4

78. An angular distribution is negative
acer...monte carlo neutron and photon data (77): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.66800E-02 and 8.90400E-02, -4.15709E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4

79. An angular distribution is negative
acer...monte carlo neutron and photon data (78): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.90400E-02 and 9.14000E-02, -2.61989E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4

```

80. An angular distribution is negative  
*acer...monte carlo neutron and photon data (79): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 9.14000E-02 and 9.37600E-02, -1.04197E-06, e= 9.60000E+06
mat= 825, mf=14, mt= 4
```

81. An angular distribution is negative  
*acer...monte carlo neutron and photon data (80): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.98080E-01 and -2.95040E-01, -8.01763E-06, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

82. An angular distribution is negative  
*acer...monte carlo neutron and photon data (81): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.95040E-01 and -2.92000E-01, -1.92635E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

83. An angular distribution is negative  
*acer...monte carlo neutron and photon data (82): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.92000E-01 and -2.88960E-01, -3.03940E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

84. An angular distribution is negative  
*acer...monte carlo neutron and photon data (83): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.88960E-01 and -2.85920E-01, -4.14090E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

85. An angular distribution is negative  
*acer...monte carlo neutron and photon data (84): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.85920E-01 and -2.82880E-01, -5.23085E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

86. An angular distribution is negative  
*acer...monte carlo neutron and photon data (85): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.82880E-01 and -2.79840E-01, -6.30926E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

87. An angular distribution is negative  
*acer...monte carlo neutron and photon data (86): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.79840E-01 and -2.76800E-01, -7.37611E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

88. An angular distribution is negative  
*acer...monte carlo neutron and photon data (87): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.76800E-01 and -2.73760E-01, -8.43142E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

89. An angular distribution is negative  
*acer...monte carlo neutron and photon data (88): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-2.73760E-01 and -2.70720E-01, -9.47518E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4

90. An angular distribution is negative
acer...monte carlo neutron and photon data (89): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.70720E-01 and -2.67680E-01, -1.05074E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

91. An angular distribution is negative
acer...monte carlo neutron and photon data (90): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.67680E-01 and -2.64640E-01, -1.15280E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

92. An angular distribution is negative
acer...monte carlo neutron and photon data (91): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.64640E-01 and -2.61600E-01, -1.25371E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

93. An angular distribution is negative
acer...monte carlo neutron and photon data (92): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.61600E-01 and -2.58560E-01, -1.35347E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

94. An angular distribution is negative
acer...monte carlo neutron and photon data (93): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.58560E-01 and -2.55520E-01, -1.45206E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

95. An angular distribution is negative
acer...monte carlo neutron and photon data (94): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.55520E-01 and -2.52480E-01, -1.54951E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

96. An angular distribution is negative
acer...monte carlo neutron and photon data (95): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.52480E-01 and -2.49440E-01, -1.64579E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

97. An angular distribution is negative
acer...monte carlo neutron and photon data (96): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.49440E-01 and -2.46400E-01, -1.74092E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

98. An angular distribution is negative
acer...monte carlo neutron and photon data (97): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.46400E-01 and -2.43360E-01, -1.83490E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

99. An angular distribution is negative  
*acer...monte carlo neutron and photon data (98): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.43360E-01 and -2.40320E-01, -1.92771E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

100. An angular distribution is negative  
*acer...monte carlo neutron and photon data (99): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.40320E-01 and -2.37280E-01, -2.01937E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

101. An angular distribution is negative  
*acer...monte carlo neutron and photon data (100): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.37280E-01 and -2.34240E-01, -2.10988E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

102. An angular distribution is negative  
*acer...monte carlo neutron and photon data (101): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.34240E-01 and -2.31200E-01, -2.19922E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

103. An angular distribution is negative  
*acer...monte carlo neutron and photon data (102): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.31200E-01 and -2.28160E-01, -2.28742E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

104. An angular distribution is negative  
*acer...monte carlo neutron and photon data (103): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.28160E-01 and -2.25120E-01, -2.37445E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

105. An angular distribution is negative  
*acer...monte carlo neutron and photon data (104): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.25120E-01 and -2.22080E-01, -2.46033E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

106. An angular distribution is negative  
*acer...monte carlo neutron and photon data (105): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.22080E-01 and -2.19040E-01, -2.54505E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

107. An angular distribution is negative  
*acer...monte carlo neutron and photon data (106): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu=-2.19040E-01 and -2.16000E-01, -2.62861E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

108. An angular distribution is negative  
*acer...monte carlo neutron and photon data (107): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-2.16000E-01 and -2.12960E-01, -2.71101E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

109. An angular distribution is negative
acer...monte carlo neutron and photon data (108): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.12960E-01 and -2.09920E-01, -2.79226E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

110. An angular distribution is negative
acer...monte carlo neutron and photon data (109): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.09920E-01 and -2.06880E-01, -2.87235E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

111. An angular distribution is negative
acer...monte carlo neutron and photon data (110): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.06880E-01 and -2.03840E-01, -2.95128E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

112. An angular distribution is negative
acer...monte carlo neutron and photon data (111): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.03840E-01 and -2.00800E-01, -3.02906E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

113. An angular distribution is negative
acer...monte carlo neutron and photon data (112): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.00800E-01 and -1.97760E-01, -3.10567E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

114. An angular distribution is negative
acer...monte carlo neutron and photon data (113): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.97760E-01 and -1.94720E-01, -3.18113E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

115. An angular distribution is negative
acer...monte carlo neutron and photon data (114): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.94720E-01 and -1.91680E-01, -3.25543E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

116. An angular distribution is negative
acer...monte carlo neutron and photon data (115): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.91680E-01 and -1.88640E-01, -3.32858E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

117. An angular distribution is negative
acer...monte carlo neutron and photon data (116): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.88640E-01 and -1.85600E-01, -3.40056E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

118. An angular distribution is negative  
*acer...monte carlo neutron and photon data (117): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.85600E-01 and -1.82560E-01, -3.47139E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
119. An angular distribution is negative  
*acer...monte carlo neutron and photon data (118): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.82560E-01 and -1.79520E-01, -3.54105E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
120. An angular distribution is negative  
*acer...monte carlo neutron and photon data (119): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.79520E-01 and -1.76480E-01, -3.60956E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
121. An angular distribution is negative  
*acer...monte carlo neutron and photon data (120): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.76480E-01 and -1.73440E-01, -3.67691E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
122. An angular distribution is negative  
*acer...monte carlo neutron and photon data (121): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.73440E-01 and -1.70400E-01, -3.74311E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
123. An angular distribution is negative  
*acer...monte carlo neutron and photon data (122): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.70400E-01 and -1.67360E-01, -3.80814E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
124. An angular distribution is negative  
*acer...monte carlo neutron and photon data (123): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.67360E-01 and -1.64320E-01, -3.87202E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
125. An angular distribution is negative  
*acer...monte carlo neutron and photon data (124): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.64320E-01 and -1.61280E-01, -3.93473E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
126. An angular distribution is negative  
*acer...monte carlo neutron and photon data (125): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.61280E-01 and -1.58240E-01, -3.99629E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
127. An angular distribution is negative  
*acer...monte carlo neutron and photon data (126): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-1.58240E-01 and -1.55200E-01, -4.05669E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

128. An angular distribution is negative
acer...monte carlo neutron and photon data (127): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.55200E-01 and -1.52160E-01, -4.11593E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

129. An angular distribution is negative
acer...monte carlo neutron and photon data (128): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.52160E-01 and -1.49120E-01, -4.17401E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

130. An angular distribution is negative
acer...monte carlo neutron and photon data (129): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.49120E-01 and -1.46080E-01, -4.23093E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

131. An angular distribution is negative
acer...monte carlo neutron and photon data (130): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.46080E-01 and -1.43040E-01, -4.28669E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

132. An angular distribution is negative
acer...monte carlo neutron and photon data (131): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.43040E-01 and -1.40000E-01, -4.34129E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

133. An angular distribution is negative
acer...monte carlo neutron and photon data (132): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.40000E-01 and -1.36960E-01, -4.39473E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

134. An angular distribution is negative
acer...monte carlo neutron and photon data (133): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.36960E-01 and -1.33920E-01, -4.44701E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

135. An angular distribution is negative
acer...monte carlo neutron and photon data (134): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.33920E-01 and -1.30880E-01, -4.49814E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

136. An angular distribution is negative
acer...monte carlo neutron and photon data (135): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.30880E-01 and -1.27840E-01, -4.54810E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

137. An angular distribution is negative  
*acer...monte carlo neutron and photon data (136): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.27840E-01 and -1.24800E-01, -4.59691E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

138. An angular distribution is negative  
*acer...monte carlo neutron and photon data (137): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.24800E-01 and -1.21760E-01, -4.64455E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

139. An angular distribution is negative  
*acer...monte carlo neutron and photon data (138): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.21760E-01 and -1.18720E-01, -4.69103E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

140. An angular distribution is negative  
*acer...monte carlo neutron and photon data (139): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.18720E-01 and -1.15680E-01, -4.73636E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

141. An angular distribution is negative  
*acer...monte carlo neutron and photon data (140): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.15680E-01 and -1.12640E-01, -4.78052E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

142. An angular distribution is negative  
*acer...monte carlo neutron and photon data (141): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.12640E-01 and -1.09600E-01, -4.82353E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

143. An angular distribution is negative  
*acer...monte carlo neutron and photon data (142): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.09600E-01 and -1.06560E-01, -4.86537E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

144. An angular distribution is negative  
*acer...monte carlo neutron and photon data (143): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.06560E-01 and -1.03520E-01, -4.90606E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

145. An angular distribution is negative  
*acer...monte carlo neutron and photon data (144): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.03520E-01 and -1.00480E-01, -4.94558E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

146. An angular distribution is negative  
*acer...monte carlo neutron and photon data (145): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu=-1.00480E-01 and -9.74400E-02, -4.98395E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

147. An angular distribution is negative
acer...monte carlo neutron and photon data (146): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.74400E-02 and -9.44000E-02, -5.02115E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

148. An angular distribution is negative
acer...monte carlo neutron and photon data (147): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.44000E-02 and -9.13600E-02, -5.05720E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

149. An angular distribution is negative
acer...monte carlo neutron and photon data (148): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.13600E-02 and -8.83200E-02, -5.09208E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

150. An angular distribution is negative
acer...monte carlo neutron and photon data (149): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-8.83200E-02 and -8.52800E-02, -5.12580E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

151. An angular distribution is negative
acer...monte carlo neutron and photon data (150): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-8.52800E-02 and -8.22400E-02, -5.15837E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

152. An angular distribution is negative
acer...monte carlo neutron and photon data (151): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-8.22400E-02 and -7.92000E-02, -5.18977E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

153. An angular distribution is negative
acer...monte carlo neutron and photon data (152): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-7.92000E-02 and -7.61600E-02, -5.22001E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

154. An angular distribution is negative
acer...monte carlo neutron and photon data (153): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-7.61600E-02 and -7.31200E-02, -5.24909E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

155. An angular distribution is negative
acer...monte carlo neutron and photon data (154): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-7.31200E-02 and -7.00800E-02, -5.27701E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

156. An angular distribution is negative  
*acer...monte carlo neutron and photon data (155): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.00800E-02 and -6.70400E-02, -5.30377E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
157. An angular distribution is negative  
*acer...monte carlo neutron and photon data (156): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.70400E-02 and -6.40000E-02, -5.32937E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
158. An angular distribution is negative  
*acer...monte carlo neutron and photon data (157): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.40000E-02 and -6.09600E-02, -5.35381E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
159. An angular distribution is negative  
*acer...monte carlo neutron and photon data (158): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.09600E-02 and -5.79200E-02, -5.37709E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
160. An angular distribution is negative  
*acer...monte carlo neutron and photon data (159): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.79200E-02 and -5.48800E-02, -5.39921E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
161. An angular distribution is negative  
*acer...monte carlo neutron and photon data (160): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.48800E-02 and -5.18400E-02, -5.42017E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
162. An angular distribution is negative  
*acer...monte carlo neutron and photon data (161): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.18400E-02 and -4.88000E-02, -5.43996E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
163. An angular distribution is negative  
*acer...monte carlo neutron and photon data (162): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-4.88000E-02 and -4.57600E-02, -5.45860E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
164. An angular distribution is negative  
*acer...monte carlo neutron and photon data (163): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-4.57600E-02 and -4.27200E-02, -5.47607E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
165. An angular distribution is negative  
*acer...monte carlo neutron and photon data (164): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-4.27200E-02 and -3.96800E-02, -5.49239E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

166. An angular distribution is negative
acer...monte carlo neutron and photon data (165): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.96800E-02 and -3.66400E-02, -5.50754E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

167. An angular distribution is negative
acer...monte carlo neutron and photon data (166): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.66400E-02 and -3.36000E-02, -5.52153E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

168. An angular distribution is negative
acer...monte carlo neutron and photon data (167): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.36000E-02 and -3.05600E-02, -5.53436E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

169. An angular distribution is negative
acer...monte carlo neutron and photon data (168): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.05600E-02 and -2.75200E-02, -5.54603E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

170. An angular distribution is negative
acer...monte carlo neutron and photon data (169): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.75200E-02 and -2.44800E-02, -5.55654E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

171. An angular distribution is negative
acer...monte carlo neutron and photon data (170): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.44800E-02 and -2.14400E-02, -5.56589E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

172. An angular distribution is negative
acer...monte carlo neutron and photon data (171): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.14400E-02 and -1.84000E-02, -5.57408E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

173. An angular distribution is negative
acer...monte carlo neutron and photon data (172): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.84000E-02 and -1.53600E-02, -5.58111E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

174. An angular distribution is negative
acer...monte carlo neutron and photon data (173): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.53600E-02 and -1.23200E-02, -5.58697E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

175. An angular distribution is negative  
*acer...monte carlo neutron and photon data (174): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.23200E-02 and -9.28000E-03, -5.59168E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

176. An angular distribution is negative  
*acer...monte carlo neutron and photon data (175): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-9.28000E-03 and -6.24000E-03, -5.59522E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

177. An angular distribution is negative  
*acer...monte carlo neutron and photon data (176): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-6.24000E-03 and -3.20000E-03, -5.59760E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

178. An angular distribution is negative  
*acer...monte carlo neutron and photon data (177): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-3.20000E-03 and -1.60000E-04, -5.59883E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

179. An angular distribution is negative  
*acer...monte carlo neutron and photon data (178): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.60000E-04 and 2.88000E-03, -5.59889E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

180. An angular distribution is negative  
*acer...monte carlo neutron and photon data (179): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.88000E-03 and 5.92000E-03, -5.59779E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

181. An angular distribution is negative  
*acer...monte carlo neutron and photon data (180): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 5.92000E-03 and 8.96000E-03, -5.59553E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

182. An angular distribution is negative  
*acer...monte carlo neutron and photon data (181): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 8.96000E-03 and 1.20000E-02, -5.59211E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

183. An angular distribution is negative  
*acer...monte carlo neutron and photon data (182): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.20000E-02 and 1.50400E-02, -5.58752E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

184. An angular distribution is negative  
*acer...monte carlo neutron and photon data (183): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 1.50400E-02 and 1.80800E-02, -5.58178E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

185. An angular distribution is negative
acer...monte carlo neutron and photon data (184): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.80800E-02 and 2.11200E-02, -5.57487E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

186. An angular distribution is negative
acer...monte carlo neutron and photon data (185): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.11200E-02 and 2.41600E-02, -5.56681E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

187. An angular distribution is negative
acer...monte carlo neutron and photon data (186): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.41600E-02 and 2.72000E-02, -5.55758E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

188. An angular distribution is negative
acer...monte carlo neutron and photon data (187): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.72000E-02 and 3.02400E-02, -5.54719E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

189. An angular distribution is negative
acer...monte carlo neutron and photon data (188): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.02400E-02 and 3.32800E-02, -5.53565E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

190. An angular distribution is negative
acer...monte carlo neutron and photon data (189): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.32800E-02 and 3.63200E-02, -5.52294E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

191. An angular distribution is negative
acer...monte carlo neutron and photon data (190): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.63200E-02 and 3.93600E-02, -5.50907E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

192. An angular distribution is negative
acer...monte carlo neutron and photon data (191): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.93600E-02 and 4.24000E-02, -5.49404E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

193. An angular distribution is negative
acer...monte carlo neutron and photon data (192): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.24000E-02 and 4.54400E-02, -5.47784E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

194. An angular distribution is negative  
*acer...monte carlo neutron and photon data (193): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 4.54400E-02 and 4.84800E-02, -5.46049E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
195. An angular distribution is negative  
*acer...monte carlo neutron and photon data (194): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 4.84800E-02 and 5.15200E-02, -5.44198E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
196. An angular distribution is negative  
*acer...monte carlo neutron and photon data (195): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 5.15200E-02 and 5.45600E-02, -5.42230E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
197. An angular distribution is negative  
*acer...monte carlo neutron and photon data (196): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 5.45600E-02 and 5.76000E-02, -5.40147E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
198. An angular distribution is negative  
*acer...monte carlo neutron and photon data (197): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 5.76000E-02 and 6.06400E-02, -5.37947E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
199. An angular distribution is negative  
*acer...monte carlo neutron and photon data (198): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 6.06400E-02 and 6.36800E-02, -5.35632E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
200. An angular distribution is negative  
*acer...monte carlo neutron and photon data (199): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 6.36800E-02 and 6.67200E-02, -5.33200E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
201. An angular distribution is negative  
*acer...monte carlo neutron and photon data (200): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 6.67200E-02 and 6.97600E-02, -5.30652E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
202. An angular distribution is negative  
*acer...monte carlo neutron and photon data (201): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 6.97600E-02 and 7.28000E-02, -5.27988E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
203. An angular distribution is negative  
*acer...monte carlo neutron and photon data (202): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 7.28000E-02 and 7.58400E-02, -5.25209E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

204. An angular distribution is negative
acer...monte carlo neutron and photon data (203): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.58400E-02 and 7.88800E-02, -5.22313E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

205. An angular distribution is negative
acer...monte carlo neutron and photon data (204): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.88800E-02 and 8.19200E-02, -5.19301E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

206. An angular distribution is negative
acer...monte carlo neutron and photon data (205): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.19200E-02 and 8.49600E-02, -5.16173E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

207. An angular distribution is negative
acer...monte carlo neutron and photon data (206): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.49600E-02 and 8.80000E-02, -5.12929E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

208. An angular distribution is negative
acer...monte carlo neutron and photon data (207): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.80000E-02 and 9.10400E-02, -5.09568E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

209. An angular distribution is negative
acer...monte carlo neutron and photon data (208): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.10400E-02 and 9.40800E-02, -5.06092E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

210. An angular distribution is negative
acer...monte carlo neutron and photon data (209): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.40800E-02 and 9.71200E-02, -5.02500E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

211. An angular distribution is negative
acer...monte carlo neutron and photon data (210): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.71200E-02 and 1.00160E-01, -4.98792E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

212. An angular distribution is negative
acer...monte carlo neutron and photon data (211): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.00160E-01 and 1.03200E-01, -4.94968E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

213. An angular distribution is negative  
*acer...monte carlo neutron and photon data (212): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.03200E-01 and 1.06240E-01, -4.91027E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

214. An angular distribution is negative  
*acer...monte carlo neutron and photon data (213): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.06240E-01 and 1.09280E-01, -4.86971E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

215. An angular distribution is negative  
*acer...monte carlo neutron and photon data (214): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.09280E-01 and 1.12320E-01, -4.82799E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

216. An angular distribution is negative  
*acer...monte carlo neutron and photon data (215): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.12320E-01 and 1.15360E-01, -4.78511E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

217. An angular distribution is negative  
*acer...monte carlo neutron and photon data (216): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.15360E-01 and 1.18400E-01, -4.74106E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

218. An angular distribution is negative  
*acer...monte carlo neutron and photon data (217): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.18400E-01 and 1.21440E-01, -4.69586E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

219. An angular distribution is negative  
*acer...monte carlo neutron and photon data (218): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.21440E-01 and 1.24480E-01, -4.64950E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

220. An angular distribution is negative  
*acer...monte carlo neutron and photon data (219): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.24480E-01 and 1.27520E-01, -4.60198E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

221. An angular distribution is negative  
*acer...monte carlo neutron and photon data (220): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.27520E-01 and 1.30560E-01, -4.55329E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

222. An angular distribution is negative  
*acer...monte carlo neutron and photon data (221): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 1.30560E-01 and 1.33600E-01, -4.50345E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

223. An angular distribution is negative
acer...monte carlo neutron and photon data (222): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.33600E-01 and 1.36640E-01, -4.45245E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

224. An angular distribution is negative
acer...monte carlo neutron and photon data (223): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.36640E-01 and 1.39680E-01, -4.40029E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

225. An angular distribution is negative
acer...monte carlo neutron and photon data (224): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.39680E-01 and 1.42720E-01, -4.34697E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

226. An angular distribution is negative
acer...monte carlo neutron and photon data (225): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.42720E-01 and 1.45760E-01, -4.29249E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

227. An angular distribution is negative
acer...monte carlo neutron and photon data (226): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.45760E-01 and 1.48800E-01, -4.23685E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

228. An angular distribution is negative
acer...monte carlo neutron and photon data (227): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.48800E-01 and 1.51840E-01, -4.18005E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

229. An angular distribution is negative
acer...monte carlo neutron and photon data (228): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.51840E-01 and 1.54880E-01, -4.12209E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

230. An angular distribution is negative
acer...monte carlo neutron and photon data (229): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.54880E-01 and 1.57920E-01, -4.06298E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

231. An angular distribution is negative
acer...monte carlo neutron and photon data (230): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.57920E-01 and 1.60960E-01, -4.00270E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

232. An angular distribution is negative  
*acer...monte carlo neutron and photon data (231): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.60960E-01 and 1.64000E-01, -3.94127E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

233. An angular distribution is negative  
*acer...monte carlo neutron and photon data (232): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.64000E-01 and 1.67040E-01, -3.87867E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

234. An angular distribution is negative  
*acer...monte carlo neutron and photon data (233): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.67040E-01 and 1.70080E-01, -3.81492E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

235. An angular distribution is negative  
*acer...monte carlo neutron and photon data (234): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.70080E-01 and 1.73120E-01, -3.75001E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

236. An angular distribution is negative  
*acer...monte carlo neutron and photon data (235): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.73120E-01 and 1.76160E-01, -3.68394E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

237. An angular distribution is negative  
*acer...monte carlo neutron and photon data (236): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.76160E-01 and 1.79200E-01, -3.61671E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

238. An angular distribution is negative  
*acer...monte carlo neutron and photon data (237): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.79200E-01 and 1.82240E-01, -3.54832E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

239. An angular distribution is negative  
*acer...monte carlo neutron and photon data (238): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.82240E-01 and 1.85280E-01, -3.47877E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

240. An angular distribution is negative  
*acer...monte carlo neutron and photon data (239): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.85280E-01 and 1.88320E-01, -3.40807E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```

241. An angular distribution is negative  
*acer...monte carlo neutron and photon data (240): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 1.88320E-01 and 1.91360E-01, -3.33621E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

242. An angular distribution is negative
acer...monte carlo neutron and photon data (241): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.91360E-01 and 1.94400E-01, -3.26319E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

243. An angular distribution is negative
acer...monte carlo neutron and photon data (242): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.94400E-01 and 1.97440E-01, -3.18901E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

244. An angular distribution is negative
acer...monte carlo neutron and photon data (243): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.97440E-01 and 2.00480E-01, -3.11367E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

245. An angular distribution is negative
acer...monte carlo neutron and photon data (244): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.00480E-01 and 2.03520E-01, -3.03718E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

246. An angular distribution is negative
acer...monte carlo neutron and photon data (245): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.03520E-01 and 2.06560E-01, -2.95952E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

247. An angular distribution is negative
acer...monte carlo neutron and photon data (246): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.06560E-01 and 2.09600E-01, -2.88071E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

248. An angular distribution is negative
acer...monte carlo neutron and photon data (247): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.09600E-01 and 2.12640E-01, -2.80074E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

249. An angular distribution is negative
acer...monte carlo neutron and photon data (248): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.12640E-01 and 2.15680E-01, -2.71962E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

250. An angular distribution is negative
acer...monte carlo neutron and photon data (249): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.15680E-01 and 2.18720E-01, -2.63734E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

251. An angular distribution is negative  
*acer...monte carlo neutron and photon data (250): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.18720E-01 and 2.21760E-01, -2.55390E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
252. An angular distribution is negative  
*acer...monte carlo neutron and photon data (251): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.21760E-01 and 2.24800E-01, -2.46930E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
253. An angular distribution is negative  
*acer...monte carlo neutron and photon data (252): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.24800E-01 and 2.27840E-01, -2.38354E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
254. An angular distribution is negative  
*acer...monte carlo neutron and photon data (253): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.27840E-01 and 2.30880E-01, -2.29663E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
255. An angular distribution is negative  
*acer...monte carlo neutron and photon data (254): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.30880E-01 and 2.33920E-01, -2.20856E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
256. An angular distribution is negative  
*acer...monte carlo neutron and photon data (255): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.33920E-01 and 2.36960E-01, -2.11934E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
257. An angular distribution is negative  
*acer...monte carlo neutron and photon data (256): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.36960E-01 and 2.40000E-01, -2.02895E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
258. An angular distribution is negative  
*acer...monte carlo neutron and photon data (257): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.40000E-01 and 2.43040E-01, -1.93742E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
259. An angular distribution is negative  
*acer...monte carlo neutron and photon data (258): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.43040E-01 and 2.46080E-01, -1.84472E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
260. An angular distribution is negative  
*acer...monte carlo neutron and photon data (259): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 2.46080E-01 and 2.49120E-01, -1.75087E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

261. An angular distribution is negative
acer...monte carlo neutron and photon data (260): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.49120E-01 and 2.52160E-01, -1.65586E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

262. An angular distribution is negative
acer...monte carlo neutron and photon data (261): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.52160E-01 and 2.55200E-01, -1.55970E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

263. An angular distribution is negative
acer...monte carlo neutron and photon data (262): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.55200E-01 and 2.58240E-01, -1.46238E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

264. An angular distribution is negative
acer...monte carlo neutron and photon data (263): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.58240E-01 and 2.61280E-01, -1.36390E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

265. An angular distribution is negative
acer...monte carlo neutron and photon data (264): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.61280E-01 and 2.64320E-01, -1.26427E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

266. An angular distribution is negative
acer...monte carlo neutron and photon data (265): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.64320E-01 and 2.67360E-01, -1.16348E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

267. An angular distribution is negative
acer...monte carlo neutron and photon data (266): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.67360E-01 and 2.70400E-01, -1.06154E-04, e= 9.70000E+06
mat= 825, mf=14, mt= 4

268. An angular distribution is negative
acer...monte carlo neutron and photon data (267): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.70400E-01 and 2.73440E-01, -9.58437E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4

269. An angular distribution is negative
acer...monte carlo neutron and photon data (268): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.73440E-01 and 2.76480E-01, -8.54183E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4

```

270. An angular distribution is negative  
*acer...monte carlo neutron and photon data (269): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.76480E-01 and 2.79520E-01, -7.48774E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
271. An angular distribution is negative  
*acer...monte carlo neutron and photon data (270): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.79520E-01 and 2.82560E-01, -6.42210E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
272. An angular distribution is negative  
*acer...monte carlo neutron and photon data (271): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.82560E-01 and 2.85600E-01, -5.34491E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
273. An angular distribution is negative  
*acer...monte carlo neutron and photon data (272): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.85600E-01 and 2.88640E-01, -4.25617E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
274. An angular distribution is negative  
*acer...monte carlo neutron and photon data (273): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.88640E-01 and 2.91680E-01, -3.15589E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
275. An angular distribution is negative  
*acer...monte carlo neutron and photon data (274): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.91680E-01 and 2.94720E-01, -2.04406E-05, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
276. An angular distribution is negative  
*acer...monte carlo neutron and photon data (275): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.94720E-01 and 2.97760E-01, -9.20685E-06, e= 9.70000E+06
mat= 825, mf=14, mt= 4
```
277. An angular distribution is negative  
*acer...monte carlo neutron and photon data (276): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.92000E-01 and -2.88960E-01, -1.05207E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
278. An angular distribution is negative  
*acer...monte carlo neutron and photon data (277): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.88960E-01 and -2.85920E-01, -2.14189E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
279. An angular distribution is negative  
*acer...monte carlo neutron and photon data (278): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-2.85920E-01 and -2.82880E-01, -3.22031E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

280. An angular distribution is negative
acer...monte carlo neutron and photon data (279): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.82880E-01 and -2.79840E-01, -4.28731E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

281. An angular distribution is negative
acer...monte carlo neutron and photon data (280): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.79840E-01 and -2.76800E-01, -5.34291E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

282. An angular distribution is negative
acer...monte carlo neutron and photon data (281): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.76800E-01 and -2.73760E-01, -6.38708E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

283. An angular distribution is negative
acer...monte carlo neutron and photon data (282): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.73760E-01 and -2.70720E-01, -7.41984E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

284. An angular distribution is negative
acer...monte carlo neutron and photon data (283): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.70720E-01 and -2.67680E-01, -8.44118E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

285. An angular distribution is negative
acer...monte carlo neutron and photon data (284): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.67680E-01 and -2.64640E-01, -9.45110E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4

286. An angular distribution is negative
acer...monte carlo neutron and photon data (285): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.64640E-01 and -2.61600E-01, -1.04496E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

287. An angular distribution is negative
acer...monte carlo neutron and photon data (286): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.61600E-01 and -2.58560E-01, -1.14367E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

288. An angular distribution is negative
acer...monte carlo neutron and photon data (287): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.58560E-01 and -2.55520E-01, -1.24123E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

289. An angular distribution is negative  
*acer...monte carlo neutron and photon data (288): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.55520E-01 and -2.52480E-01, -1.33765E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

290. An angular distribution is negative  
*acer...monte carlo neutron and photon data (289): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.52480E-01 and -2.49440E-01, -1.43293E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

291. An angular distribution is negative  
*acer...monte carlo neutron and photon data (290): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.49440E-01 and -2.46400E-01, -1.52707E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

292. An angular distribution is negative  
*acer...monte carlo neutron and photon data (291): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.46400E-01 and -2.43360E-01, -1.62006E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

293. An angular distribution is negative  
*acer...monte carlo neutron and photon data (292): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.43360E-01 and -2.40320E-01, -1.71191E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

294. An angular distribution is negative  
*acer...monte carlo neutron and photon data (293): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.40320E-01 and -2.37280E-01, -1.80262E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

295. An angular distribution is negative  
*acer...monte carlo neutron and photon data (294): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.37280E-01 and -2.34240E-01, -1.89218E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

296. An angular distribution is negative  
*acer...monte carlo neutron and photon data (295): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.34240E-01 and -2.31200E-01, -1.98060E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

297. An angular distribution is negative  
*acer...monte carlo neutron and photon data (296): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-2.31200E-01 and -2.28160E-01, -2.06788E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

298. An angular distribution is negative  
*acer...monte carlo neutron and photon data (297): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu=-2.28160E-01 and -2.25120E-01, -2.15401E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

299. An angular distribution is negative
acer...monte carlo neutron and photon data (298): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.25120E-01 and -2.22080E-01, -2.23899E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

300. An angular distribution is negative
acer...monte carlo neutron and photon data (299): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.22080E-01 and -2.19040E-01, -2.32284E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

301. An angular distribution is negative
acer...monte carlo neutron and photon data (300): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.19040E-01 and -2.16000E-01, -2.40554E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

302. An angular distribution is negative
acer...monte carlo neutron and photon data (301): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.16000E-01 and -2.12960E-01, -2.48709E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

303. An angular distribution is negative
acer...monte carlo neutron and photon data (302): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.12960E-01 and -2.09920E-01, -2.56750E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

304. An angular distribution is negative
acer...monte carlo neutron and photon data (303): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.09920E-01 and -2.06880E-01, -2.64676E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

305. An angular distribution is negative
acer...monte carlo neutron and photon data (304): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.06880E-01 and -2.03840E-01, -2.72488E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

306. An angular distribution is negative
acer...monte carlo neutron and photon data (305): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.03840E-01 and -2.00800E-01, -2.80185E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

307. An angular distribution is negative
acer...monte carlo neutron and photon data (306): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.00800E-01 and -1.97760E-01, -2.87768E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

308. An angular distribution is negative  
*acer...monte carlo neutron and photon data (307): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.97760E-01 and -1.94720E-01, -2.95237E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
309. An angular distribution is negative  
*acer...monte carlo neutron and photon data (308): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.94720E-01 and -1.91680E-01, -3.02591E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
310. An angular distribution is negative  
*acer...monte carlo neutron and photon data (309): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.91680E-01 and -1.88640E-01, -3.09830E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
311. An angular distribution is negative  
*acer...monte carlo neutron and photon data (310): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.88640E-01 and -1.85600E-01, -3.16954E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
312. An angular distribution is negative  
*acer...monte carlo neutron and photon data (311): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.85600E-01 and -1.82560E-01, -3.23964E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
313. An angular distribution is negative  
*acer...monte carlo neutron and photon data (312): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.82560E-01 and -1.79520E-01, -3.30860E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
314. An angular distribution is negative  
*acer...monte carlo neutron and photon data (313): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.79520E-01 and -1.76480E-01, -3.37641E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
315. An angular distribution is negative  
*acer...monte carlo neutron and photon data (314): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.76480E-01 and -1.73440E-01, -3.44307E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
316. An angular distribution is negative  
*acer...monte carlo neutron and photon data (315): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.73440E-01 and -1.70400E-01, -3.50859E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
317. An angular distribution is negative  
*acer...monte carlo neutron and photon data (316): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-1.70400E-01 and -1.67360E-01, -3.57296E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

318. An angular distribution is negative
acer...monte carlo neutron and photon data (317): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.67360E-01 and -1.64320E-01, -3.63618E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

319. An angular distribution is negative
acer...monte carlo neutron and photon data (318): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.64320E-01 and -1.61280E-01, -3.69826E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

320. An angular distribution is negative
acer...monte carlo neutron and photon data (319): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.61280E-01 and -1.58240E-01, -3.75919E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

321. An angular distribution is negative
acer...monte carlo neutron and photon data (320): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.58240E-01 and -1.55200E-01, -3.81897E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

322. An angular distribution is negative
acer...monte carlo neutron and photon data (321): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.55200E-01 and -1.52160E-01, -3.87761E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

323. An angular distribution is negative
acer...monte carlo neutron and photon data (322): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.52160E-01 and -1.49120E-01, -3.93510E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

324. An angular distribution is negative
acer...monte carlo neutron and photon data (323): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.49120E-01 and -1.46080E-01, -3.99144E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

325. An angular distribution is negative
acer...monte carlo neutron and photon data (324): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.46080E-01 and -1.43040E-01, -4.04664E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

326. An angular distribution is negative
acer...monte carlo neutron and photon data (325): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.43040E-01 and -1.40000E-01, -4.10068E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

327. An angular distribution is negative  
*acer...monte carlo neutron and photon data (326): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.40000E-01 and -1.36960E-01, -4.15359E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

328. An angular distribution is negative  
*acer...monte carlo neutron and photon data (327): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.36960E-01 and -1.33920E-01, -4.20534E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

329. An angular distribution is negative  
*acer...monte carlo neutron and photon data (328): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.33920E-01 and -1.30880E-01, -4.25594E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

330. An angular distribution is negative  
*acer...monte carlo neutron and photon data (329): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.30880E-01 and -1.27840E-01, -4.30540E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

331. An angular distribution is negative  
*acer...monte carlo neutron and photon data (330): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.27840E-01 and -1.24800E-01, -4.35371E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

332. An angular distribution is negative  
*acer...monte carlo neutron and photon data (331): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.24800E-01 and -1.21760E-01, -4.40088E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

333. An angular distribution is negative  
*acer...monte carlo neutron and photon data (332): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.21760E-01 and -1.18720E-01, -4.44689E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

334. An angular distribution is negative  
*acer...monte carlo neutron and photon data (333): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.18720E-01 and -1.15680E-01, -4.49176E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

335. An angular distribution is negative  
*acer...monte carlo neutron and photon data (334): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.15680E-01 and -1.12640E-01, -4.53548E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

336. An angular distribution is negative  
*acer...monte carlo neutron and photon data (335): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu=-1.12640E-01 and -1.09600E-01, -4.57805E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

337. An angular distribution is negative
acer...monte carlo neutron and photon data (336): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.09600E-01 and -1.06560E-01, -4.61947E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

338. An angular distribution is negative
acer...monte carlo neutron and photon data (337): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.06560E-01 and -1.03520E-01, -4.65975E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

339. An angular distribution is negative
acer...monte carlo neutron and photon data (338): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.03520E-01 and -1.00480E-01, -4.69887E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

340. An angular distribution is negative
acer...monte carlo neutron and photon data (339): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.00480E-01 and -9.74400E-02, -4.73685E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

341. An angular distribution is negative
acer...monte carlo neutron and photon data (340): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.74400E-02 and -9.44000E-02, -4.77368E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

342. An angular distribution is negative
acer...monte carlo neutron and photon data (341): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.44000E-02 and -9.13600E-02, -4.80936E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

343. An angular distribution is negative
acer...monte carlo neutron and photon data (342): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.13600E-02 and -8.83200E-02, -4.84390E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

344. An angular distribution is negative
acer...monte carlo neutron and photon data (343): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-8.83200E-02 and -8.52800E-02, -4.87728E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

345. An angular distribution is negative
acer...monte carlo neutron and photon data (344): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-8.52800E-02 and -8.22400E-02, -4.90952E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

346. An angular distribution is negative  
*acer...monte carlo neutron and photon data (345): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-8.22400E-02 and -7.92000E-02, -4.94060E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
347. An angular distribution is negative  
*acer...monte carlo neutron and photon data (346): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.92000E-02 and -7.61600E-02, -4.97054E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
348. An angular distribution is negative  
*acer...monte carlo neutron and photon data (347): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.61600E-02 and -7.31200E-02, -4.99933E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
349. An angular distribution is negative  
*acer...monte carlo neutron and photon data (348): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.31200E-02 and -7.00800E-02, -5.02697E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
350. An angular distribution is negative  
*acer...monte carlo neutron and photon data (349): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.00800E-02 and -6.70400E-02, -5.05346E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
351. An angular distribution is negative  
*acer...monte carlo neutron and photon data (350): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.70400E-02 and -6.40000E-02, -5.07881E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
352. An angular distribution is negative  
*acer...monte carlo neutron and photon data (351): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.40000E-02 and -6.09600E-02, -5.10300E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
353. An angular distribution is negative  
*acer...monte carlo neutron and photon data (352): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.09600E-02 and -5.79200E-02, -5.12605E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
354. An angular distribution is negative  
*acer...monte carlo neutron and photon data (353): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.79200E-02 and -5.48800E-02, -5.14794E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
355. An angular distribution is negative  
*acer...monte carlo neutron and photon data (354): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-5.48800E-02 and -5.18400E-02, -5.16869E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

356. An angular distribution is negative
acer...monte carlo neutron and photon data (355): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.18400E-02 and -4.88000E-02, -5.18829E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

357. An angular distribution is negative
acer...monte carlo neutron and photon data (356): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.88000E-02 and -4.57600E-02, -5.20674E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

358. An angular distribution is negative
acer...monte carlo neutron and photon data (357): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.57600E-02 and -4.27200E-02, -5.22404E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

359. An angular distribution is negative
acer...monte carlo neutron and photon data (358): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.27200E-02 and -3.96800E-02, -5.24019E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

360. An angular distribution is negative
acer...monte carlo neutron and photon data (359): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.96800E-02 and -3.66400E-02, -5.25519E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

361. An angular distribution is negative
acer...monte carlo neutron and photon data (360): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.66400E-02 and -3.36000E-02, -5.26904E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

362. An angular distribution is negative
acer...monte carlo neutron and photon data (361): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.36000E-02 and -3.05600E-02, -5.28175E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

363. An angular distribution is negative
acer...monte carlo neutron and photon data (362): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.05600E-02 and -2.75200E-02, -5.29330E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

364. An angular distribution is negative
acer...monte carlo neutron and photon data (363): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.75200E-02 and -2.44800E-02, -5.30370E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

365. An angular distribution is negative  
*acer...monte carlo neutron and photon data (364): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.44800E-02 and -2.14400E-02, -5.31296E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
366. An angular distribution is negative  
*acer...monte carlo neutron and photon data (365): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.14400E-02 and -1.84000E-02, -5.32106E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
367. An angular distribution is negative  
*acer...monte carlo neutron and photon data (366): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.84000E-02 and -1.53600E-02, -5.32802E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
368. An angular distribution is negative  
*acer...monte carlo neutron and photon data (367): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.53600E-02 and -1.23200E-02, -5.33383E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
369. An angular distribution is negative  
*acer...monte carlo neutron and photon data (368): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.23200E-02 and -9.28000E-03, -5.33849E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
370. An angular distribution is negative  
*acer...monte carlo neutron and photon data (369): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-9.28000E-03 and -6.24000E-03, -5.34200E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
371. An angular distribution is negative  
*acer...monte carlo neutron and photon data (370): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.24000E-03 and -3.20000E-03, -5.34435E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
372. An angular distribution is negative  
*acer...monte carlo neutron and photon data (371): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-3.20000E-03 and -1.60000E-04, -5.34556E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
373. An angular distribution is negative  
*acer...monte carlo neutron and photon data (372): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.60000E-04 and 2.88000E-03, -5.34562E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
374. An angular distribution is negative  
*acer...monte carlo neutron and photon data (373): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 2.88000E-03 and 5.92000E-03, -5.34454E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

375. An angular distribution is negative
acer...monte carlo neutron and photon data (374): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.92000E-03 and 8.96000E-03, -5.34230E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

376. An angular distribution is negative
acer...monte carlo neutron and photon data (375): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.96000E-03 and 1.20000E-02, -5.33891E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

377. An angular distribution is negative
acer...monte carlo neutron and photon data (376): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.20000E-02 and 1.50400E-02, -5.33437E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

378. An angular distribution is negative
acer...monte carlo neutron and photon data (377): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.50400E-02 and 1.80800E-02, -5.32869E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

379. An angular distribution is negative
acer...monte carlo neutron and photon data (378): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.80800E-02 and 2.11200E-02, -5.32185E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

380. An angular distribution is negative
acer...monte carlo neutron and photon data (379): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.11200E-02 and 2.41600E-02, -5.31387E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

381. An angular distribution is negative
acer...monte carlo neutron and photon data (380): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.41600E-02 and 2.72000E-02, -5.30473E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

382. An angular distribution is negative
acer...monte carlo neutron and photon data (381): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.72000E-02 and 3.02400E-02, -5.29445E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

383. An angular distribution is negative
acer...monte carlo neutron and photon data (382): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.02400E-02 and 3.32800E-02, -5.28302E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

384. An angular distribution is negative  
*acer...monte carlo neutron and photon data (383): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 3.32800E-02 and 3.63200E-02, -5.27043E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

385. An angular distribution is negative  
*acer...monte carlo neutron and photon data (384): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 3.63200E-02 and 3.93600E-02, -5.25670E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

386. An angular distribution is negative  
*acer...monte carlo neutron and photon data (385): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 3.93600E-02 and 4.24000E-02, -5.24182E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

387. An angular distribution is negative  
*acer...monte carlo neutron and photon data (386): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 4.24000E-02 and 4.54400E-02, -5.22579E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

388. An angular distribution is negative  
*acer...monte carlo neutron and photon data (387): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 4.54400E-02 and 4.84800E-02, -5.20861E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

389. An angular distribution is negative  
*acer...monte carlo neutron and photon data (388): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 4.84800E-02 and 5.15200E-02, -5.19028E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

390. An angular distribution is negative  
*acer...monte carlo neutron and photon data (389): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 5.15200E-02 and 5.45600E-02, -5.17081E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

391. An angular distribution is negative  
*acer...monte carlo neutron and photon data (390): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 5.45600E-02 and 5.76000E-02, -5.15018E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

392. An angular distribution is negative  
*acer...monte carlo neutron and photon data (391): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 5.76000E-02 and 6.06400E-02, -5.12841E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

393. An angular distribution is negative  
*acer...monte carlo neutron and photon data (392): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 6.06400E-02 and 6.36800E-02, -5.10548E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

394. An angular distribution is negative
acer...monte carlo neutron and photon data (393): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.36800E-02 and 6.67200E-02, -5.08141E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

395. An angular distribution is negative
acer...monte carlo neutron and photon data (394): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.67200E-02 and 6.97600E-02, -5.05619E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

396. An angular distribution is negative
acer...monte carlo neutron and photon data (395): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.97600E-02 and 7.28000E-02, -5.02982E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

397. An angular distribution is negative
acer...monte carlo neutron and photon data (396): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.28000E-02 and 7.58400E-02, -5.00230E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

398. An angular distribution is negative
acer...monte carlo neutron and photon data (397): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.58400E-02 and 7.88800E-02, -4.97363E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

399. An angular distribution is negative
acer...monte carlo neutron and photon data (398): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.88800E-02 and 8.19200E-02, -4.94381E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

400. An angular distribution is negative
acer...monte carlo neutron and photon data (399): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.19200E-02 and 8.49600E-02, -4.91284E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

401. An angular distribution is negative
acer...monte carlo neutron and photon data (400): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.49600E-02 and 8.80000E-02, -4.88073E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

402. An angular distribution is negative
acer...monte carlo neutron and photon data (401): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.80000E-02 and 9.10400E-02, -4.84746E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

403. An angular distribution is negative  
*acer...monte carlo neutron and photon data (402): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 9.10400E-02 and 9.40800E-02, -4.81305E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

404. An angular distribution is negative  
*acer...monte carlo neutron and photon data (403): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 9.40800E-02 and 9.71200E-02, -4.77749E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

405. An angular distribution is negative  
*acer...monte carlo neutron and photon data (404): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 9.71200E-02 and 1.00160E-01, -4.74078E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

406. An angular distribution is negative  
*acer...monte carlo neutron and photon data (405): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.00160E-01 and 1.03200E-01, -4.70293E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

407. An angular distribution is negative  
*acer...monte carlo neutron and photon data (406): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.03200E-01 and 1.06240E-01, -4.66392E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

408. An angular distribution is negative  
*acer...monte carlo neutron and photon data (407): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.06240E-01 and 1.09280E-01, -4.62377E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

409. An angular distribution is negative  
*acer...monte carlo neutron and photon data (408): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.09280E-01 and 1.12320E-01, -4.58246E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

410. An angular distribution is negative  
*acer...monte carlo neutron and photon data (409): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.12320E-01 and 1.15360E-01, -4.54001E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

411. An angular distribution is negative  
*acer...monte carlo neutron and photon data (410): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 1.15360E-01 and 1.18400E-01, -4.49641E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

412. An angular distribution is negative  
*acer...monte carlo neutron and photon data (411): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 1.18400E-01 and 1.21440E-01, -4.45167E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

413. An angular distribution is negative
acer...monte carlo neutron and photon data (412): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.21440E-01 and 1.24480E-01, -4.40577E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

414. An angular distribution is negative
acer...monte carlo neutron and photon data (413): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.24480E-01 and 1.27520E-01, -4.35873E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

415. An angular distribution is negative
acer...monte carlo neutron and photon data (414): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.27520E-01 and 1.30560E-01, -4.31054E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

416. An angular distribution is negative
acer...monte carlo neutron and photon data (415): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.30560E-01 and 1.33600E-01, -4.26120E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

417. An angular distribution is negative
acer...monte carlo neutron and photon data (416): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.33600E-01 and 1.36640E-01, -4.21072E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

418. An angular distribution is negative
acer...monte carlo neutron and photon data (417): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.36640E-01 and 1.39680E-01, -4.15909E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

419. An angular distribution is negative
acer...monte carlo neutron and photon data (418): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.39680E-01 and 1.42720E-01, -4.10631E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

420. An angular distribution is negative
acer...monte carlo neutron and photon data (419): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.42720E-01 and 1.45760E-01, -4.05238E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

421. An angular distribution is negative
acer...monte carlo neutron and photon data (420): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.45760E-01 and 1.48800E-01, -3.99731E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

422. An angular distribution is negative  
*acer...monte carlo neutron and photon data (421): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.48800E-01 and 1.51840E-01, -3.94108E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
423. An angular distribution is negative  
*acer...monte carlo neutron and photon data (422): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.51840E-01 and 1.54880E-01, -3.88371E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
424. An angular distribution is negative  
*acer...monte carlo neutron and photon data (423): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.54880E-01 and 1.57920E-01, -3.82520E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
425. An angular distribution is negative  
*acer...monte carlo neutron and photon data (424): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.57920E-01 and 1.60960E-01, -3.76554E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
426. An angular distribution is negative  
*acer...monte carlo neutron and photon data (425): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.60960E-01 and 1.64000E-01, -3.70473E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
427. An angular distribution is negative  
*acer...monte carlo neutron and photon data (426): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.64000E-01 and 1.67040E-01, -3.64277E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
428. An angular distribution is negative  
*acer...monte carlo neutron and photon data (427): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.67040E-01 and 1.70080E-01, -3.57967E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
429. An angular distribution is negative  
*acer...monte carlo neutron and photon data (428): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.70080E-01 and 1.73120E-01, -3.51542E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
430. An angular distribution is negative  
*acer...monte carlo neutron and photon data (429): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.73120E-01 and 1.76160E-01, -3.45002E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
431. An angular distribution is negative  
*acer...monte carlo neutron and photon data (430): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 1.76160E-01 and 1.79200E-01, -3.38348E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

432. An angular distribution is negative
acer...monte carlo neutron and photon data (431): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.79200E-01 and 1.82240E-01, -3.31579E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

433. An angular distribution is negative
acer...monte carlo neutron and photon data (432): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.82240E-01 and 1.85280E-01, -3.24696E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

434. An angular distribution is negative
acer...monte carlo neutron and photon data (433): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.85280E-01 and 1.88320E-01, -3.17698E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

435. An angular distribution is negative
acer...monte carlo neutron and photon data (434): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.88320E-01 and 1.91360E-01, -3.10585E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

436. An angular distribution is negative
acer...monte carlo neutron and photon data (435): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.91360E-01 and 1.94400E-01, -3.03358E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

437. An angular distribution is negative
acer...monte carlo neutron and photon data (436): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.94400E-01 and 1.97440E-01, -2.96016E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

438. An angular distribution is negative
acer...monte carlo neutron and photon data (437): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.97440E-01 and 2.00480E-01, -2.88560E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

439. An angular distribution is negative
acer...monte carlo neutron and photon data (438): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.00480E-01 and 2.03520E-01, -2.80989E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

440. An angular distribution is negative
acer...monte carlo neutron and photon data (439): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.03520E-01 and 2.06560E-01, -2.73304E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

441. An angular distribution is negative  
*acer...monte carlo neutron and photon data (440): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.06560E-01 and 2.09600E-01, -2.65504E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
442. An angular distribution is negative  
*acer...monte carlo neutron and photon data (441): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.09600E-01 and 2.12640E-01, -2.57590E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
443. An angular distribution is negative  
*acer...monte carlo neutron and photon data (442): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.12640E-01 and 2.15680E-01, -2.49561E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
444. An angular distribution is negative  
*acer...monte carlo neutron and photon data (443): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.15680E-01 and 2.18720E-01, -2.41417E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
445. An angular distribution is negative  
*acer...monte carlo neutron and photon data (444): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.18720E-01 and 2.21760E-01, -2.33160E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
446. An angular distribution is negative  
*acer...monte carlo neutron and photon data (445): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.21760E-01 and 2.24800E-01, -2.24787E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
447. An angular distribution is negative  
*acer...monte carlo neutron and photon data (446): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.24800E-01 and 2.27840E-01, -2.16301E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
448. An angular distribution is negative  
*acer...monte carlo neutron and photon data (447): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.27840E-01 and 2.30880E-01, -2.07700E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
449. An angular distribution is negative  
*acer...monte carlo neutron and photon data (448): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 2.30880E-01 and 2.33920E-01, -1.98984E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```
450. An angular distribution is negative  
*acer...monte carlo neutron and photon data (449): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 2.33920E-01 and 2.36960E-01, -1.90154E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

451. An angular distribution is negative
acer...monte carlo neutron and photon data (450): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.36960E-01 and 2.40000E-01, -1.81210E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

452. An angular distribution is negative
acer...monte carlo neutron and photon data (451): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.40000E-01 and 2.43040E-01, -1.72151E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

453. An angular distribution is negative
acer...monte carlo neutron and photon data (452): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.43040E-01 and 2.46080E-01, -1.62979E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

454. An angular distribution is negative
acer...monte carlo neutron and photon data (453): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.46080E-01 and 2.49120E-01, -1.53691E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

455. An angular distribution is negative
acer...monte carlo neutron and photon data (454): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.49120E-01 and 2.52160E-01, -1.44290E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

456. An angular distribution is negative
acer...monte carlo neutron and photon data (455): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.52160E-01 and 2.55200E-01, -1.34774E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

457. An angular distribution is negative
acer...monte carlo neutron and photon data (456): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.55200E-01 and 2.58240E-01, -1.25144E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

458. An angular distribution is negative
acer...monte carlo neutron and photon data (457): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.58240E-01 and 2.61280E-01, -1.15399E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

459. An angular distribution is negative
acer...monte carlo neutron and photon data (458): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.61280E-01 and 2.64320E-01, -1.05540E-04, e= 9.80000E+06
mat= 825, mf=14, mt= 4

```

460. An angular distribution is negative  
*acer...monte carlo neutron and photon data (459): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.64320E-01 and 2.67360E-01, -9.55674E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

461. An angular distribution is negative  
*acer...monte carlo neutron and photon data (460): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.67360E-01 and 2.70400E-01, -8.54802E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

462. An angular distribution is negative  
*acer...monte carlo neutron and photon data (461): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.70400E-01 and 2.73440E-01, -7.52789E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

463. An angular distribution is negative  
*acer...monte carlo neutron and photon data (462): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.73440E-01 and 2.76480E-01, -6.49633E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

464. An angular distribution is negative  
*acer...monte carlo neutron and photon data (463): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.76480E-01 and 2.79520E-01, -5.45336E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

465. An angular distribution is negative  
*acer...monte carlo neutron and photon data (464): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.79520E-01 and 2.82560E-01, -4.39897E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

466. An angular distribution is negative  
*acer...monte carlo neutron and photon data (465): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.82560E-01 and 2.85600E-01, -3.33316E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

467. An angular distribution is negative  
*acer...monte carlo neutron and photon data (466): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.85600E-01 and 2.88640E-01, -2.25595E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

468. An angular distribution is negative  
*acer...monte carlo neutron and photon data (467): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 2.88640E-01 and 2.91680E-01, -1.16732E-05, e= 9.80000E+06
mat= 825, mf=14, mt= 4
```

469. An angular distribution is negative  
*acer...monte carlo neutron and photon data (468): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 2.91680E-01 and 2.94720E-01, -6.72887E-07, e= 9.80000E+06
mat= 825, mf=14, mt= 4

470. An angular distribution is negative
acer...monte carlo neutron and photon data (469): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.19920E-01 and -2.17160E-01, -6.41874E-07, e= 9.90000E+06
mat= 825, mf=14, mt= 4

471. An angular distribution is negative
acer...monte carlo neutron and photon data (470): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.17160E-01 and -2.14400E-01, -6.50968E-06, e= 9.90000E+06
mat= 825, mf=14, mt= 4

472. An angular distribution is negative
acer...monte carlo neutron and photon data (471): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.14400E-01 and -2.11640E-01, -1.23032E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

473. An angular distribution is negative
acer...monte carlo neutron and photon data (472): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.11640E-01 and -2.08880E-01, -1.80224E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

474. An angular distribution is negative
acer...monte carlo neutron and photon data (473): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.08880E-01 and -2.06120E-01, -2.36673E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

475. An angular distribution is negative
acer...monte carlo neutron and photon data (474): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.06120E-01 and -2.03360E-01, -2.92379E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

476. An angular distribution is negative
acer...monte carlo neutron and photon data (475): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.03360E-01 and -2.00600E-01, -3.47341E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

477. An angular distribution is negative
acer...monte carlo neutron and photon data (476): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.00600E-01 and -1.97840E-01, -4.01560E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

478. An angular distribution is negative
acer...monte carlo neutron and photon data (477): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.97840E-01 and -1.95080E-01, -4.55035E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

479. An angular distribution is negative  
*acer...monte carlo neutron and photon data (478): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.95080E-01 and -1.92320E-01, -5.07767E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

480. An angular distribution is negative  
*acer...monte carlo neutron and photon data (479): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.92320E-01 and -1.89560E-01, -5.59755E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

481. An angular distribution is negative  
*acer...monte carlo neutron and photon data (480): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.89560E-01 and -1.86800E-01, -6.10999E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

482. An angular distribution is negative  
*acer...monte carlo neutron and photon data (481): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.86800E-01 and -1.84040E-01, -6.61499E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

483. An angular distribution is negative  
*acer...monte carlo neutron and photon data (482): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.84040E-01 and -1.81280E-01, -7.11255E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

484. An angular distribution is negative  
*acer...monte carlo neutron and photon data (483): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.81280E-01 and -1.78520E-01, -7.60267E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

485. An angular distribution is negative  
*acer...monte carlo neutron and photon data (484): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.78520E-01 and -1.75760E-01, -8.08535E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

486. An angular distribution is negative  
*acer...monte carlo neutron and photon data (485): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.75760E-01 and -1.73000E-01, -8.56059E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

487. An angular distribution is negative  
*acer...monte carlo neutron and photon data (486): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu=-1.73000E-01 and -1.70240E-01, -9.02838E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

488. An angular distribution is negative  
*acer...monte carlo neutron and photon data (487): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu=-1.70240E-01 and -1.67480E-01, -9.48872E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

489. An angular distribution is negative
acer...monte carlo neutron and photon data (488): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.67480E-01 and -1.64720E-01, -9.94162E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

490. An angular distribution is negative
acer...monte carlo neutron and photon data (489): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.64720E-01 and -1.61960E-01, -1.03871E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

491. An angular distribution is negative
acer...monte carlo neutron and photon data (490): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.61960E-01 and -1.59200E-01, -1.08251E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

492. An angular distribution is negative
acer...monte carlo neutron and photon data (491): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.59200E-01 and -1.56440E-01, -1.12556E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

493. An angular distribution is negative
acer...monte carlo neutron and photon data (492): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.56440E-01 and -1.53680E-01, -1.16787E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

494. An angular distribution is negative
acer...monte carlo neutron and photon data (493): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.53680E-01 and -1.50920E-01, -1.20944E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

495. An angular distribution is negative
acer...monte carlo neutron and photon data (494): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.50920E-01 and -1.48160E-01, -1.25026E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

496. An angular distribution is negative
acer...monte carlo neutron and photon data (495): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.48160E-01 and -1.45400E-01, -1.29034E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

497. An angular distribution is negative
acer...monte carlo neutron and photon data (496): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.45400E-01 and -1.42640E-01, -1.32967E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

498. An angular distribution is negative  
*acer...monte carlo neutron and photon data (497): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.42640E-01 and -1.39880E-01, -1.36825E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
499. An angular distribution is negative  
*acer...monte carlo neutron and photon data (498): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.39880E-01 and -1.37120E-01, -1.40609E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
500. An angular distribution is negative  
*acer...monte carlo neutron and photon data (499): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.37120E-01 and -1.34360E-01, -1.44318E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
501. An angular distribution is negative  
*acer...monte carlo neutron and photon data (500): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.34360E-01 and -1.31600E-01, -1.47953E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
502. An angular distribution is negative  
*acer...monte carlo neutron and photon data (501): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.31600E-01 and -1.28840E-01, -1.51514E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
503. An angular distribution is negative  
*acer...monte carlo neutron and photon data (502): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.28840E-01 and -1.26080E-01, -1.54999E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
504. An angular distribution is negative  
*acer...monte carlo neutron and photon data (503): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.26080E-01 and -1.23320E-01, -1.58411E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
505. An angular distribution is negative  
*acer...monte carlo neutron and photon data (504): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.23320E-01 and -1.20560E-01, -1.61747E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
506. An angular distribution is negative  
*acer...monte carlo neutron and photon data (505): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.20560E-01 and -1.17800E-01, -1.65009E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
507. An angular distribution is negative  
*acer...monte carlo neutron and photon data (506): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-1.17800E-01 and -1.15040E-01, -1.68196E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

508. An angular distribution is negative
acer...monte carlo neutron and photon data (507): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.15040E-01 and -1.12280E-01, -1.71309E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

509. An angular distribution is negative
acer...monte carlo neutron and photon data (508): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.12280E-01 and -1.09520E-01, -1.74348E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

510. An angular distribution is negative
acer...monte carlo neutron and photon data (509): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.09520E-01 and -1.06760E-01, -1.77311E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

511. An angular distribution is negative
acer...monte carlo neutron and photon data (510): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.06760E-01 and -1.04000E-01, -1.80200E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

512. An angular distribution is negative
acer...monte carlo neutron and photon data (511): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.04000E-01 and -1.01240E-01, -1.83014E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

513. An angular distribution is negative
acer...monte carlo neutron and photon data (512): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.01240E-01 and -9.84800E-02, -1.85754E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

514. An angular distribution is negative
acer...monte carlo neutron and photon data (513): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.84800E-02 and -9.57200E-02, -1.88419E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

515. An angular distribution is negative
acer...monte carlo neutron and photon data (514): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.57200E-02 and -9.29600E-02, -1.91010E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

516. An angular distribution is negative
acer...monte carlo neutron and photon data (515): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-9.29600E-02 and -9.02000E-02, -1.93526E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

517. An angular distribution is negative  
*acer...monte carlo neutron and photon data (516): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-9.02000E-02 and -8.74400E-02, -1.95967E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
518. An angular distribution is negative  
*acer...monte carlo neutron and photon data (517): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-8.74400E-02 and -8.46800E-02, -1.98333E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
519. An angular distribution is negative  
*acer...monte carlo neutron and photon data (518): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-8.46800E-02 and -8.19200E-02, -2.00625E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
520. An angular distribution is negative  
*acer...monte carlo neutron and photon data (519): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-8.19200E-02 and -7.91600E-02, -2.02842E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
521. An angular distribution is negative  
*acer...monte carlo neutron and photon data (520): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.91600E-02 and -7.64000E-02, -2.04985E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
522. An angular distribution is negative  
*acer...monte carlo neutron and photon data (521): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.64000E-02 and -7.36400E-02, -2.07053E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
523. An angular distribution is negative  
*acer...monte carlo neutron and photon data (522): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.36400E-02 and -7.08800E-02, -2.09046E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
524. An angular distribution is negative  
*acer...monte carlo neutron and photon data (523): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-7.08800E-02 and -6.81200E-02, -2.10965E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
525. An angular distribution is negative  
*acer...monte carlo neutron and photon data (524): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.81200E-02 and -6.53600E-02, -2.12809E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
526. An angular distribution is negative  
*acer...monte carlo neutron and photon data (525): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-6.53600E-02 and -6.26000E-02, -2.14578E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

527. An angular distribution is negative
acer...monte carlo neutron and photon data (526): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-6.26000E-02 and -5.98400E-02, -2.16272E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

528. An angular distribution is negative
acer...monte carlo neutron and photon data (527): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.98400E-02 and -5.70800E-02, -2.17892E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

529. An angular distribution is negative
acer...monte carlo neutron and photon data (528): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.70800E-02 and -5.43200E-02, -2.19437E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

530. An angular distribution is negative
acer...monte carlo neutron and photon data (529): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.43200E-02 and -5.15600E-02, -2.20908E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

531. An angular distribution is negative
acer...monte carlo neutron and photon data (530): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-5.15600E-02 and -4.88000E-02, -2.22303E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

532. An angular distribution is negative
acer...monte carlo neutron and photon data (531): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.88000E-02 and -4.60400E-02, -2.23624E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

533. An angular distribution is negative
acer...monte carlo neutron and photon data (532): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.60400E-02 and -4.32800E-02, -2.24871E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

534. An angular distribution is negative
acer...monte carlo neutron and photon data (533): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.32800E-02 and -4.05200E-02, -2.26042E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

535. An angular distribution is negative
acer...monte carlo neutron and photon data (534): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.05200E-02 and -3.77600E-02, -2.27139E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

536. An angular distribution is negative  
*acer...monte carlo neutron and photon data (535): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-3.77600E-02 and -3.50000E-02, -2.28162E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
537. An angular distribution is negative  
*acer...monte carlo neutron and photon data (536): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-3.50000E-02 and -3.22400E-02, -2.29109E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
538. An angular distribution is negative  
*acer...monte carlo neutron and photon data (537): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-3.22400E-02 and -2.94800E-02, -2.29982E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
539. An angular distribution is negative  
*acer...monte carlo neutron and photon data (538): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.94800E-02 and -2.67200E-02, -2.30780E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
540. An angular distribution is negative  
*acer...monte carlo neutron and photon data (539): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.67200E-02 and -2.39600E-02, -2.31503E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
541. An angular distribution is negative  
*acer...monte carlo neutron and photon data (540): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.39600E-02 and -2.12000E-02, -2.32152E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
542. An angular distribution is negative  
*acer...monte carlo neutron and photon data (541): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.12000E-02 and -1.84400E-02, -2.32726E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
543. An angular distribution is negative  
*acer...monte carlo neutron and photon data (542): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.84400E-02 and -1.56800E-02, -2.33225E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
544. An angular distribution is negative  
*acer...monte carlo neutron and photon data (543): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.56800E-02 and -1.29200E-02, -2.33650E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
545. An angular distribution is negative  
*acer...monte carlo neutron and photon data (544): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-1.29200E-02 and -1.01600E-02, -2.34000E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

546. An angular distribution is negative
acer...monte carlo neutron and photon data (545): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.01600E-02 and -7.40000E-03, -2.34275E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

547. An angular distribution is negative
acer...monte carlo neutron and photon data (546): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-7.40000E-03 and -4.64000E-03, -2.34475E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

548. An angular distribution is negative
acer...monte carlo neutron and photon data (547): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.64000E-03 and -1.88000E-03, -2.34601E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

549. An angular distribution is negative
acer...monte carlo neutron and photon data (548): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-1.88000E-03 and 8.80000E-04, -2.34651E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

550. An angular distribution is negative
acer...monte carlo neutron and photon data (549): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 8.80000E-04 and 3.64000E-03, -2.34628E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

551. An angular distribution is negative
acer...monte carlo neutron and photon data (550): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.64000E-03 and 6.40000E-03, -2.34529E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

552. An angular distribution is negative
acer...monte carlo neutron and photon data (551): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.40000E-03 and 9.16000E-03, -2.34356E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

553. An angular distribution is negative
acer...monte carlo neutron and photon data (552): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.16000E-03 and 1.19200E-02, -2.34108E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

554. An angular distribution is negative
acer...monte carlo neutron and photon data (553): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.19200E-02 and 1.46800E-02, -2.33785E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

555. An angular distribution is negative  
*acer...monte carlo neutron and photon data (554): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.46800E-02 and 1.74400E-02, -2.33388E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

556. An angular distribution is negative  
*acer...monte carlo neutron and photon data (555): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 1.74400E-02 and 2.02000E-02, -2.32916E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

557. An angular distribution is negative  
*acer...monte carlo neutron and photon data (556): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 2.02000E-02 and 2.29600E-02, -2.32369E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

558. An angular distribution is negative  
*acer...monte carlo neutron and photon data (557): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 2.29600E-02 and 2.57200E-02, -2.31747E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

559. An angular distribution is negative  
*acer...monte carlo neutron and photon data (558): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 2.57200E-02 and 2.84800E-02, -2.31051E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

560. An angular distribution is negative  
*acer...monte carlo neutron and photon data (559): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 2.84800E-02 and 3.12400E-02, -2.30280E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

561. An angular distribution is negative  
*acer...monte carlo neutron and photon data (560): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 3.12400E-02 and 3.40000E-02, -2.29434E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

562. An angular distribution is negative  
*acer...monte carlo neutron and photon data (561): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 3.40000E-02 and 3.67600E-02, -2.28514E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

563. An angular distribution is negative  
*acer...monte carlo neutron and photon data (562): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 3.67600E-02 and 3.95200E-02, -2.27518E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

564. An angular distribution is negative  
*acer...monte carlo neutron and photon data (563): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 3.95200E-02 and 4.22800E-02, -2.26449E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

565. An angular distribution is negative
acer...monte carlo neutron and photon data (564): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.22800E-02 and 4.50400E-02, -2.25304E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

566. An angular distribution is negative
acer...monte carlo neutron and photon data (565): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.50400E-02 and 4.78000E-02, -2.24085E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

567. An angular distribution is negative
acer...monte carlo neutron and photon data (566): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.78000E-02 and 5.05600E-02, -2.22791E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

568. An angular distribution is negative
acer...monte carlo neutron and photon data (567): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.05600E-02 and 5.33200E-02, -2.21422E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

569. An angular distribution is negative
acer...monte carlo neutron and photon data (568): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.33200E-02 and 5.60800E-02, -2.19979E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

570. An angular distribution is negative
acer...monte carlo neutron and photon data (569): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.60800E-02 and 5.88400E-02, -2.18461E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

571. An angular distribution is negative
acer...monte carlo neutron and photon data (570): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.88400E-02 and 6.16000E-02, -2.16868E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

572. An angular distribution is negative
acer...monte carlo neutron and photon data (571): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.16000E-02 and 6.43600E-02, -2.15200E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

573. An angular distribution is negative
acer...monte carlo neutron and photon data (572): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.43600E-02 and 6.71200E-02, -2.13458E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

574. An angular distribution is negative  
*acer...monte carlo neutron and photon data (573): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 6.71200E-02 and 6.98800E-02, -2.11641E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

575. An angular distribution is negative  
*acer...monte carlo neutron and photon data (574): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 6.98800E-02 and 7.26400E-02, -2.09750E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

576. An angular distribution is negative  
*acer...monte carlo neutron and photon data (575): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 7.26400E-02 and 7.54000E-02, -2.07784E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

577. An angular distribution is negative  
*acer...monte carlo neutron and photon data (576): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 7.54000E-02 and 7.81600E-02, -2.05743E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

578. An angular distribution is negative  
*acer...monte carlo neutron and photon data (577): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 7.81600E-02 and 8.09200E-02, -2.03627E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

579. An angular distribution is negative  
*acer...monte carlo neutron and photon data (578): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 8.09200E-02 and 8.36800E-02, -2.01437E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

580. An angular distribution is negative  
*acer...monte carlo neutron and photon data (579): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 8.36800E-02 and 8.64400E-02, -1.99172E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

581. An angular distribution is negative  
*acer...monte carlo neutron and photon data (580): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 8.64400E-02 and 8.92000E-02, -1.96833E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

582. An angular distribution is negative  
*acer...monte carlo neutron and photon data (581): Neg. P(Ejμ) (a)*

```
---message from ptleg---negative area between mu= 8.92000E-02 and 9.19600E-02, -1.94419E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```

583. An angular distribution is negative  
*acer...monte carlo neutron and photon data (582): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 9.19600E-02 and 9.47200E-02, -1.91930E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

584. An angular distribution is negative
acer...monte carlo neutron and photon data (583): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.47200E-02 and 9.74800E-02, -1.89367E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

585. An angular distribution is negative
acer...monte carlo neutron and photon data (584): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.74800E-02 and 1.00240E-01, -1.86728E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

586. An angular distribution is negative
acer...monte carlo neutron and photon data (585): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.00240E-01 and 1.03000E-01, -1.84016E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

587. An angular distribution is negative
acer...monte carlo neutron and photon data (586): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.03000E-01 and 1.05760E-01, -1.81228E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

588. An angular distribution is negative
acer...monte carlo neutron and photon data (587): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.05760E-01 and 1.08520E-01, -1.78366E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

589. An angular distribution is negative
acer...monte carlo neutron and photon data (588): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.08520E-01 and 1.11280E-01, -1.75430E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

590. An angular distribution is negative
acer...monte carlo neutron and photon data (589): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.11280E-01 and 1.14040E-01, -1.72419E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

591. An angular distribution is negative
acer...monte carlo neutron and photon data (590): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.14040E-01 and 1.16800E-01, -1.69333E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

592. An angular distribution is negative
acer...monte carlo neutron and photon data (591): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.16800E-01 and 1.19560E-01, -1.66173E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

593. An angular distribution is negative  
*acer...monte carlo neutron and photon data (592): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.19560E-01 and 1.22320E-01, -1.62938E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
594. An angular distribution is negative  
*acer...monte carlo neutron and photon data (593): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.22320E-01 and 1.25080E-01, -1.59628E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
595. An angular distribution is negative  
*acer...monte carlo neutron and photon data (594): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.25080E-01 and 1.27840E-01, -1.56244E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
596. An angular distribution is negative  
*acer...monte carlo neutron and photon data (595): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.27840E-01 and 1.30600E-01, -1.52785E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
597. An angular distribution is negative  
*acer...monte carlo neutron and photon data (596): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.30600E-01 and 1.33360E-01, -1.49252E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
598. An angular distribution is negative  
*acer...monte carlo neutron and photon data (597): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.33360E-01 and 1.36120E-01, -1.45644E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
599. An angular distribution is negative  
*acer...monte carlo neutron and photon data (598): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.36120E-01 and 1.38880E-01, -1.41962E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
600. An angular distribution is negative  
*acer...monte carlo neutron and photon data (599): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.38880E-01 and 1.41640E-01, -1.38205E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
601. An angular distribution is negative  
*acer...monte carlo neutron and photon data (600): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 1.41640E-01 and 1.44400E-01, -1.34373E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
602. An angular distribution is negative  
*acer...monte carlo neutron and photon data (601): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 1.44400E-01 and 1.47160E-01, -1.30467E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

603. An angular distribution is negative
acer...monte carlo neutron and photon data (602): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.47160E-01 and 1.49920E-01, -1.26487E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

604. An angular distribution is negative
acer...monte carlo neutron and photon data (603): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.49920E-01 and 1.52680E-01, -1.22432E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

605. An angular distribution is negative
acer...monte carlo neutron and photon data (604): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.52680E-01 and 1.55440E-01, -1.18302E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

606. An angular distribution is negative
acer...monte carlo neutron and photon data (605): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.55440E-01 and 1.58200E-01, -1.14098E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

607. An angular distribution is negative
acer...monte carlo neutron and photon data (606): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.58200E-01 and 1.60960E-01, -1.09819E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

608. An angular distribution is negative
acer...monte carlo neutron and photon data (607): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.60960E-01 and 1.63720E-01, -1.05466E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

609. An angular distribution is negative
acer...monte carlo neutron and photon data (608): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.63720E-01 and 1.66480E-01, -1.01039E-04, e= 9.90000E+06
mat= 825, mf=14, mt= 4

610. An angular distribution is negative
acer...monte carlo neutron and photon data (609): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.66480E-01 and 1.69240E-01, -9.65367E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

611. An angular distribution is negative
acer...monte carlo neutron and photon data (610): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.69240E-01 and 1.72000E-01, -9.19603E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

```

612. An angular distribution is negative  
*acer...monte carlo neutron and photon data (611): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.72000E-01 and 1.74760E-01, -8.73093E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
613. An angular distribution is negative  
*acer...monte carlo neutron and photon data (612): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.74760E-01 and 1.77520E-01, -8.25840E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
614. An angular distribution is negative  
*acer...monte carlo neutron and photon data (613): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.77520E-01 and 1.80280E-01, -7.77842E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
615. An angular distribution is negative  
*acer...monte carlo neutron and photon data (614): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.80280E-01 and 1.83040E-01, -7.29099E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
616. An angular distribution is negative  
*acer...monte carlo neutron and photon data (615): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.83040E-01 and 1.85800E-01, -6.79613E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
617. An angular distribution is negative  
*acer...monte carlo neutron and photon data (616): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.85800E-01 and 1.88560E-01, -6.29382E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
618. An angular distribution is negative  
*acer...monte carlo neutron and photon data (617): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.88560E-01 and 1.91320E-01, -5.78408E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
619. An angular distribution is negative  
*acer...monte carlo neutron and photon data (618): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.91320E-01 and 1.94080E-01, -5.26689E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
620. An angular distribution is negative  
*acer...monte carlo neutron and photon data (619): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu= 1.94080E-01 and 1.96840E-01, -4.74227E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4
```
621. An angular distribution is negative  
*acer...monte carlo neutron and photon data (620): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu= 1.96840E-01 and 1.99600E-01, -4.21021E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

622. An angular distribution is negative
acer...monte carlo neutron and photon data (621): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.99600E-01 and 2.02360E-01, -3.67072E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

623. An angular distribution is negative
acer...monte carlo neutron and photon data (622): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.02360E-01 and 2.05120E-01, -3.12379E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

624. An angular distribution is negative
acer...monte carlo neutron and photon data (623): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.05120E-01 and 2.07880E-01, -2.56942E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

625. An angular distribution is negative
acer...monte carlo neutron and photon data (624): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.07880E-01 and 2.10640E-01, -2.00762E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

626. An angular distribution is negative
acer...monte carlo neutron and photon data (625): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.10640E-01 and 2.13400E-01, -1.43840E-05, e= 9.90000E+06
mat= 825, mf=14, mt= 4

627. An angular distribution is negative
acer...monte carlo neutron and photon data (626): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.13400E-01 and 2.16160E-01, -8.61736E-06, e= 9.90000E+06
mat= 825, mf=14, mt= 4

628. An angular distribution is negative
acer...monte carlo neutron and photon data (627): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 2.16160E-01 and 2.18920E-01, -2.77647E-06, e= 9.90000E+06
mat= 825, mf=14, mt= 4

629. An angular distribution is negative
acer...monte carlo neutron and photon data (628): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-6.84800E-02 and -6.62400E-02, -6.72524E-07, e= 6.80000E+06
mat= 825, mf=14, mt=107

630. An angular distribution is negative
acer...monte carlo neutron and photon data (629): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-6.62400E-02 and -6.40000E-02, -1.68399E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

```

631. An angular distribution is negative  
*acer...monte carlo neutron and photon data (630): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.40000E-02 and -6.17600E-02, -2.66125E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
632. An angular distribution is negative  
*acer...monte carlo neutron and photon data (631): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-6.17600E-02 and -5.95200E-02, -3.60431E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
633. An angular distribution is negative  
*acer...monte carlo neutron and photon data (632): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.95200E-02 and -5.72800E-02, -4.51316E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
634. An angular distribution is negative  
*acer...monte carlo neutron and photon data (633): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.72800E-02 and -5.50400E-02, -5.38781E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
635. An angular distribution is negative  
*acer...monte carlo neutron and photon data (634): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.50400E-02 and -5.28000E-02, -6.22826E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
636. An angular distribution is negative  
*acer...monte carlo neutron and photon data (635): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.28000E-02 and -5.05600E-02, -7.03450E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
637. An angular distribution is negative  
*acer...monte carlo neutron and photon data (636): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.05600E-02 and -4.83200E-02, -7.80653E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
638. An angular distribution is negative  
*acer...monte carlo neutron and photon data (637): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-4.83200E-02 and -4.60800E-02, -8.54437E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
639. An angular distribution is negative  
*acer...monte carlo neutron and photon data (638): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-4.60800E-02 and -4.38400E-02, -9.24799E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
640. An angular distribution is negative  
*acer...monte carlo neutron and photon data (639): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-4.38400E-02 and -4.16000E-02, -9.91742E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

641. An angular distribution is negative
acer...monte carlo neutron and photon data (640): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-4.16000E-02 and -3.93600E-02, -1.05526E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

642. An angular distribution is negative
acer...monte carlo neutron and photon data (641): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.93600E-02 and -3.71200E-02, -1.11537E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

643. An angular distribution is negative
acer...monte carlo neutron and photon data (642): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.71200E-02 and -3.48800E-02, -1.17205E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

644. An angular distribution is negative
acer...monte carlo neutron and photon data (643): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.48800E-02 and -3.26400E-02, -1.22531E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

645. An angular distribution is negative
acer...monte carlo neutron and photon data (644): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.26400E-02 and -3.04000E-02, -1.27515E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

646. An angular distribution is negative
acer...monte carlo neutron and photon data (645): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-3.04000E-02 and -2.81600E-02, -1.32157E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

647. An angular distribution is negative
acer...monte carlo neutron and photon data (646): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.81600E-02 and -2.59200E-02, -1.36457E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

648. An angular distribution is negative
acer...monte carlo neutron and photon data (647): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.59200E-02 and -2.36800E-02, -1.40415E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

649. An angular distribution is negative
acer...monte carlo neutron and photon data (648): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu=-2.36800E-02 and -2.14400E-02, -1.44030E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

```

650. An angular distribution is negative  
*acer...monte carlo neutron and photon data (649): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-2.14400E-02 and -1.92000E-02, -1.47304E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
651. An angular distribution is negative  
*acer...monte carlo neutron and photon data (650): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.92000E-02 and -1.69600E-02, -1.50236E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
652. An angular distribution is negative  
*acer...monte carlo neutron and photon data (651): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.69600E-02 and -1.47200E-02, -1.52826E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
653. An angular distribution is negative  
*acer...monte carlo neutron and photon data (652): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.47200E-02 and -1.24800E-02, -1.55074E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
654. An angular distribution is negative  
*acer...monte carlo neutron and photon data (653): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.24800E-02 and -1.02400E-02, -1.56979E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
655. An angular distribution is negative  
*acer...monte carlo neutron and photon data (654): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-1.02400E-02 and -8.00000E-03, -1.58543E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
656. An angular distribution is negative  
*acer...monte carlo neutron and photon data (655): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-8.00000E-03 and -5.76000E-03, -1.59764E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
657. An angular distribution is negative  
*acer...monte carlo neutron and photon data (656): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-5.76000E-03 and -3.52000E-03, -1.60644E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
658. An angular distribution is negative  
*acer...monte carlo neutron and photon data (657): Neg.  $P(Ej\mu)$  (a)*
- ```
---message from ptleg---negative area between mu=-3.52000E-03 and -1.28000E-03, -1.61181E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
659. An angular distribution is negative  
*acer...monte carlo neutron and photon data (658): Neg.  $P(Ej\mu)$  (a)*

```

---message from ptleg---negative area between mu=-1.28000E-03 and 9.60000E-04, -1.61377E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

660. An angular distribution is negative
acer...monte carlo neutron and photon data (659): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.60000E-04 and 3.20000E-03, -1.61230E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

661. An angular distribution is negative
acer...monte carlo neutron and photon data (660): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 3.20000E-03 and 5.44000E-03, -1.60742E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

662. An angular distribution is negative
acer...monte carlo neutron and photon data (661): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.44000E-03 and 7.68000E-03, -1.59911E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

663. An angular distribution is negative
acer...monte carlo neutron and photon data (662): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 7.68000E-03 and 9.92000E-03, -1.58738E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

664. An angular distribution is negative
acer...monte carlo neutron and photon data (663): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 9.92000E-03 and 1.21600E-02, -1.57224E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

665. An angular distribution is negative
acer...monte carlo neutron and photon data (664): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.21600E-02 and 1.44000E-02, -1.55367E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

666. An angular distribution is negative
acer...monte carlo neutron and photon data (665): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.44000E-02 and 1.66400E-02, -1.53168E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

667. An angular distribution is negative
acer...monte carlo neutron and photon data (666): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.66400E-02 and 1.88800E-02, -1.50627E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

668. An angular distribution is negative
acer...monte carlo neutron and photon data (667): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 1.88800E-02 and 2.11200E-02, -1.47744E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

```

669. An angular distribution is negative  
*acer...monte carlo neutron and photon data (668): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.11200E-02 and 2.33600E-02, -1.44519E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
670. An angular distribution is negative  
*acer...monte carlo neutron and photon data (669): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.33600E-02 and 2.56000E-02, -1.40952E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
671. An angular distribution is negative  
*acer...monte carlo neutron and photon data (670): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.56000E-02 and 2.78400E-02, -1.37043E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
672. An angular distribution is negative  
*acer...monte carlo neutron and photon data (671): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 2.78400E-02 and 3.00800E-02, -1.32792E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
673. An angular distribution is negative  
*acer...monte carlo neutron and photon data (672): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 3.00800E-02 and 3.23200E-02, -1.28199E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
674. An angular distribution is negative  
*acer...monte carlo neutron and photon data (673): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 3.23200E-02 and 3.45600E-02, -1.23264E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
675. An angular distribution is negative  
*acer...monte carlo neutron and photon data (674): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 3.45600E-02 and 3.68000E-02, -1.17986E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
676. An angular distribution is negative  
*acer...monte carlo neutron and photon data (675): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 3.68000E-02 and 3.90400E-02, -1.12367E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
677. An angular distribution is negative  
*acer...monte carlo neutron and photon data (676): Neg. P(Ejμ) (a)*
- ```
---message from ptleg---negative area between mu= 3.90400E-02 and 4.12800E-02, -1.06406E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107
```
678. An angular distribution is negative  
*acer...monte carlo neutron and photon data (677): Neg. P(Ejμ) (a)*

```

---message from ptleg---negative area between mu= 4.12800E-02 and 4.35200E-02, -1.00103E-05, e= 6.80000E+06
mat= 825, mf=14, mt=107

679. An angular distribution is negative
acer...monte carlo neutron and photon data (678): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.35200E-02 and 4.57600E-02, -9.34572E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

680. An angular distribution is negative
acer...monte carlo neutron and photon data (679): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.57600E-02 and 4.80000E-02, -8.64698E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

681. An angular distribution is negative
acer...monte carlo neutron and photon data (680): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 4.80000E-02 and 5.02400E-02, -7.91403E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

682. An angular distribution is negative
acer...monte carlo neutron and photon data (681): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.02400E-02 and 5.24800E-02, -7.14688E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

683. An angular distribution is negative
acer...monte carlo neutron and photon data (682): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.24800E-02 and 5.47200E-02, -6.34553E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

684. An angular distribution is negative
acer...monte carlo neutron and photon data (683): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.47200E-02 and 5.69600E-02, -5.50997E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

685. An angular distribution is negative
acer...monte carlo neutron and photon data (684): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.69600E-02 and 5.92000E-02, -4.64021E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

686. An angular distribution is negative
acer...monte carlo neutron and photon data (685): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 5.92000E-02 and 6.14400E-02, -3.73624E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

687. An angular distribution is negative
acer...monte carlo neutron and photon data (686): Neg. P(Ejμ) (a)

---message from ptleg---negative area between mu= 6.14400E-02 and 6.36800E-02, -2.79807E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107

```

688. An angular distribution is negative  
*acer...monte carlo neutron and photon data (687): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 6.36800E-02 and 6.59200E-02, -1.82569E-06, e= 6.80000E+06
mat= 825, mf=14, mt=107
```

689. An angular distribution is negative  
*acer...monte carlo neutron and photon data (688): Neg.  $P(Ej\mu)$  (a)*

```
---message from ptleg---negative area between mu= 6.59200E-02 and 6.81600E-02, -8.19114E-07, e= 6.80000E+06
mat= 825, mf=14, mt=107
```

- **acelst** Warnings:

1. The incident energy grid is not monotonic for this angular distribution  
*0: Bad Ang. Dist.*

```
ACELST WARNING - Processing Ang.Dist.MT           2
E-grid non-monotonic   3.000000000E+01 3.000000000E+01
```